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BOOK NUMBER 1.9
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HYTHERGRAPHS.

Prepared
by
E. B. Fitzgerald,
Bureau of Entomology
U. S. Department of Agriculture.

Washington, D.C.,
1929.

Argentine Republic:

- Buenas Aires----- 1.
La Roija ----- 2.

Australia

- Brisbane ----- 3.
Melbourne ----- 4.
Mildura ----- 5.
Sydney ----- 6.

Azores:

- Horta----- 7.
Ponta Delgada ----- 8.

Bermuda ----- 9.

Brazil:

- Ondina (near Bahia)----- 10.
Porto Alegre ----- 11.
Rio de Janeiro----- 12.
Santa Victoria do
Palmar ----- 13.
Santos ----- 14.
Sao Paulo ----- 15.

Canary Islands:

- La Laguna ----- 16.

Cape Verde Islands:

- Praia ----- 17.
St. Vincent ----- 18.

Cyprus:

- Limassol ----- 19.
Nicosia ----- 20.

Egypt:

- Quarishy (near Kafr-
Zayt) ---- 21.

Fiji Islands:

- Delanasua ----- 22.

France:

- Marseilles ----- 23.
Montpelier ----- 24.
Paris ----- 25.

Greece:

- Athens ----- 26.
Corfu (near Albania) ----- 27.
Patras ----- 28.

Haiti:

- Port-au-Prince ----- 29.

Hawaiian Islands:

- Honolulu----- 30.
Huehue ----- 31.
Kealakekua----- 32.
Kealia ----- 33.
Kiolakoa ----- 34.
Pahala ----- 35.
Wailuku ----- 36.

Italy:

- Catania (Sicily)----- 37.
Genova ----- 38.
Naples----- 39.

Jamaica:

- Kingston ----- 40.
Stony Hill ----- 41.

Madagascar Island:

- Antananarivo----- 42.
Tamatave ----- 43.
Tananarive----- 44.

Madeira:

- Funchal----- 45.

Malta Island ----- 46.

Mauritius Island ----- 47.

New Zealand:

- Auckland ----- 48.
Wellington ----- 49.

Palestine:

- Jerusalem ----- 50.

Portugal:

- Lisbon ----- 51.
Montalegre----- 52.

St. Helena Island ----- 53.

Seychelles:

- Port Victoria ----- 54.

South Australia:

- Adelaide ----- 55.

Southern Rhodesia

- Hartley----- 56.
Melsetter ----- 57.
Umtali ----- 58.

Spain:

- Barcelona ----- 59.
Granada ----- 60.

Contents (continued)

Spain (continued):

Malaga -----	61.
Murcia -----	62.
Saragosso -----	63.
Valencia -----	64.

Syria:

Beirut -----	65.
--------------	-----

Tasmania:

Hobart-----	66.
Launceston -----	67.

Uruguay:

Montevideo -----	68.
------------------	-----

West Australia:

Albany-----	69.
Darwin-----	70.
Mt. Barker -----	71.
Northam -----	72.
Perth -----	73.
York -----	74.

Florida:

Fort Myers-----	75.
Orlando -----	76.

Supplement. (Contents)

Algeria:

Algiers-----77.

Egypt:

Alexandria-----78.

Helwan-----79.

German East Africa:

Zanzibar-----80.

Morocco:

Cape Spartel-----81.

Portugese East Africa:

Laurenco Marques,

Delagoa Bay-----82.

Mozambique-----83.

South Africa, Union of

Aliwal-----84.

Bloemfontein-----85.

East London-----86.

Grahamstown-----87.

Johannesburg-----88.

Pretoria-----89.

Uitenhage-----90.

Southern Rhodesia:

Bulawayo-----91.

Salisbury-----92.

West Africa:

Accra-----93.

Freetown-----94.

Ibadan-----95.

Logos-----96.

Porto Novo-----97.

HYTHERGRAPH OF BUENOS AIRES, ARGENTINE REPUBLIC ALT. 82 FT.

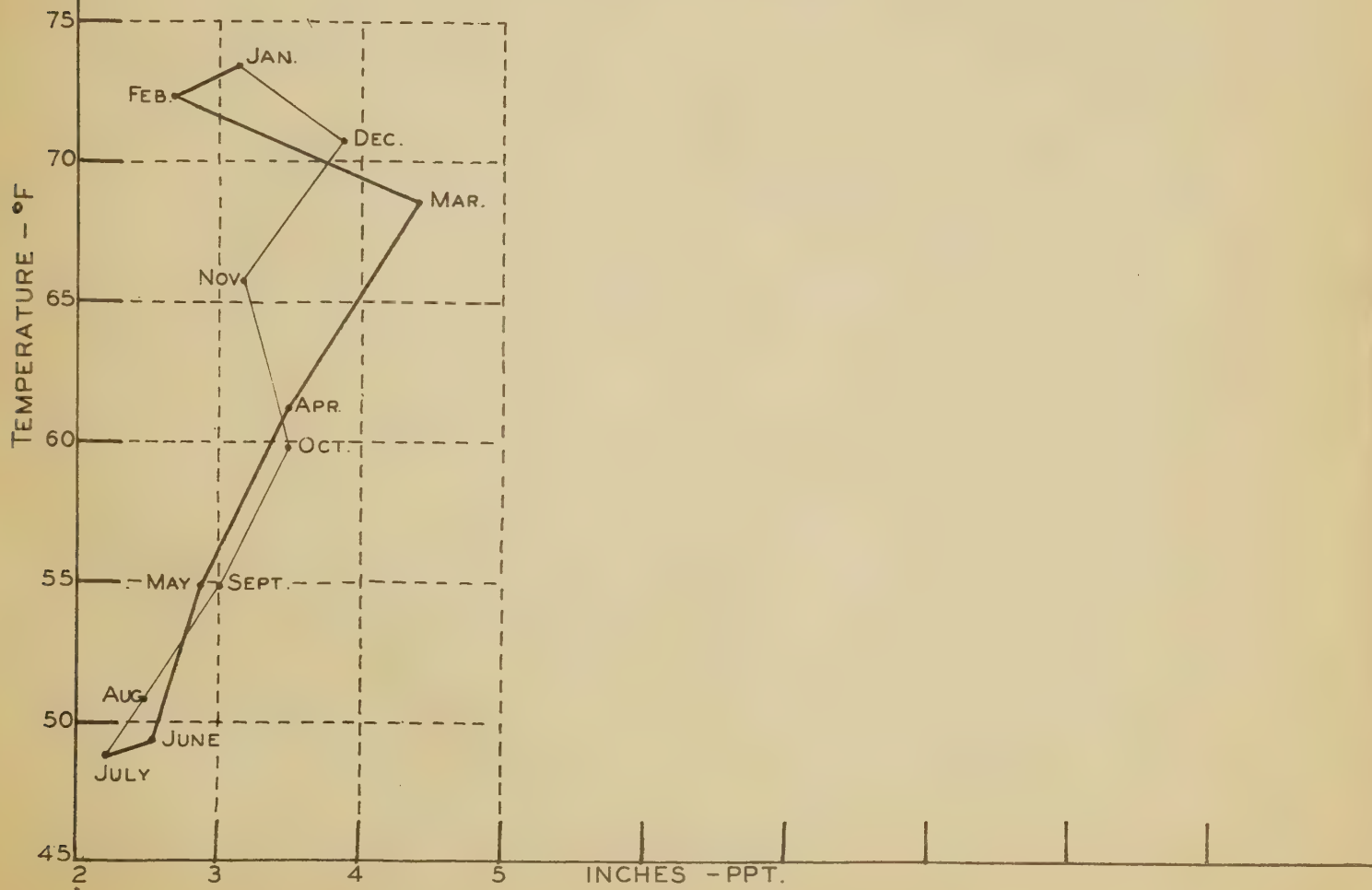
MEAN TEMPERATURE - 68 YRS.

MEAN PRECIPITATION - 63 YRS.

PREPARED BY E.B. FITZGERALD - 1929

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(DATA FROM SMITHSONIAN WORLD WEATHER RECORDS - 1927)



HYTHERGRAPH OF
LA RIOJA, ARGENTINE REPUBLIC

ALT. 1654 FT.

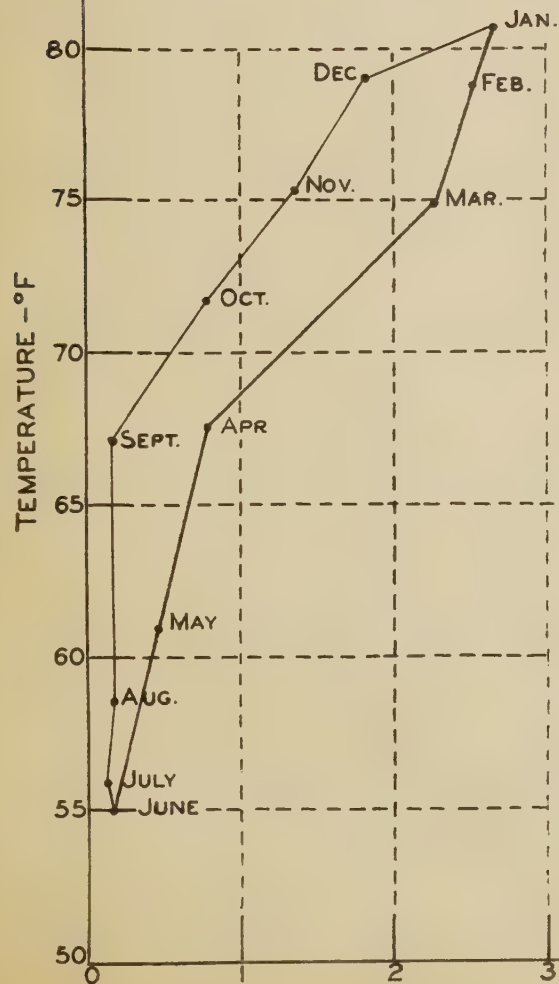
MEAN TEMPERATURE -

MEAN PRECIPITATION -

PREPARED BY E.B.FITZGERALD -1929

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(DATA FROM WEATHER BUREAU)



HYTHERGRAPH OF BRISBANE, QUEENSLAND, AUSTRALIA

ALT. 125 FT.

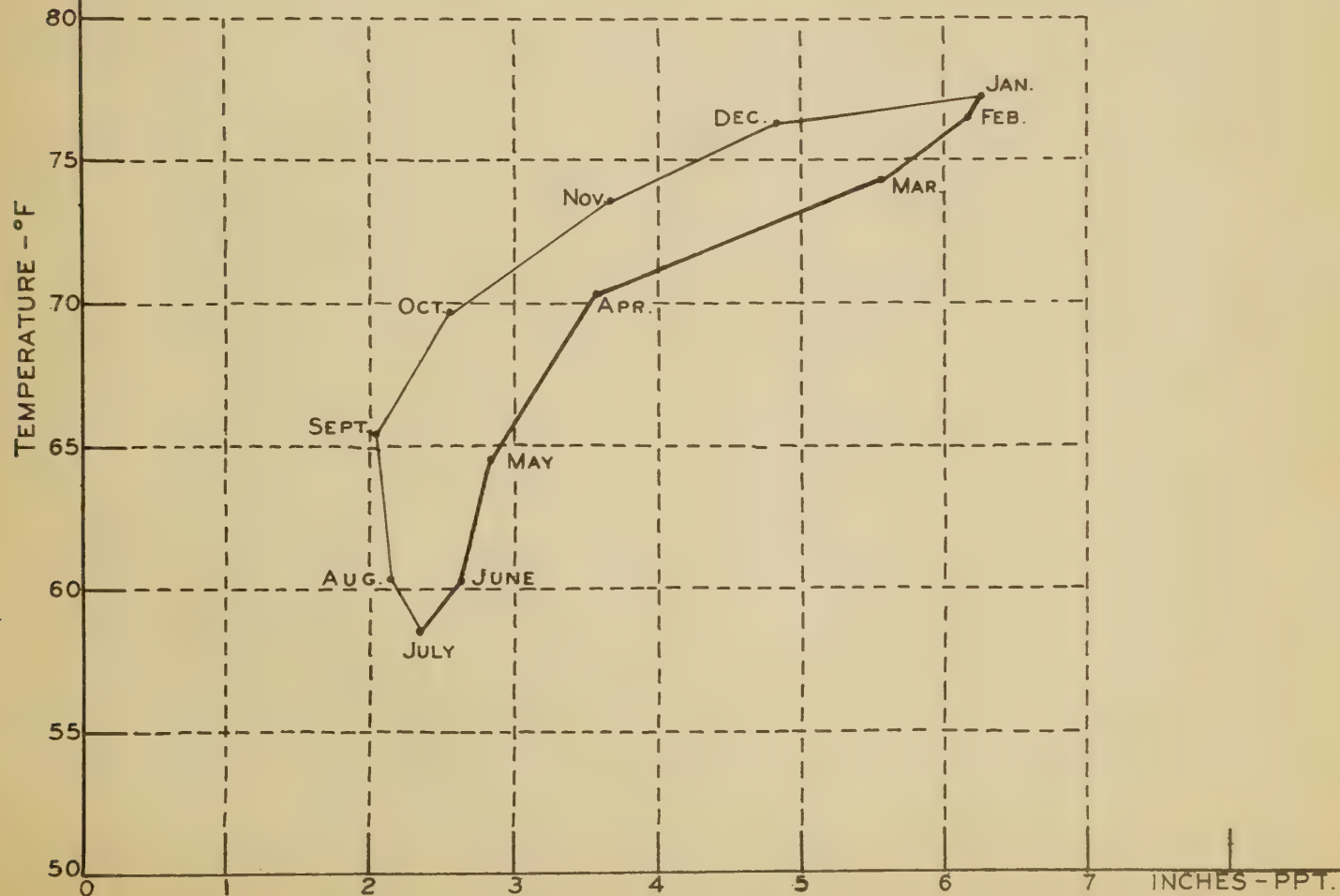
MEAN TEMPERATURE - 37 YRS.

MEAN PRECIPITATION - 84 YRS.

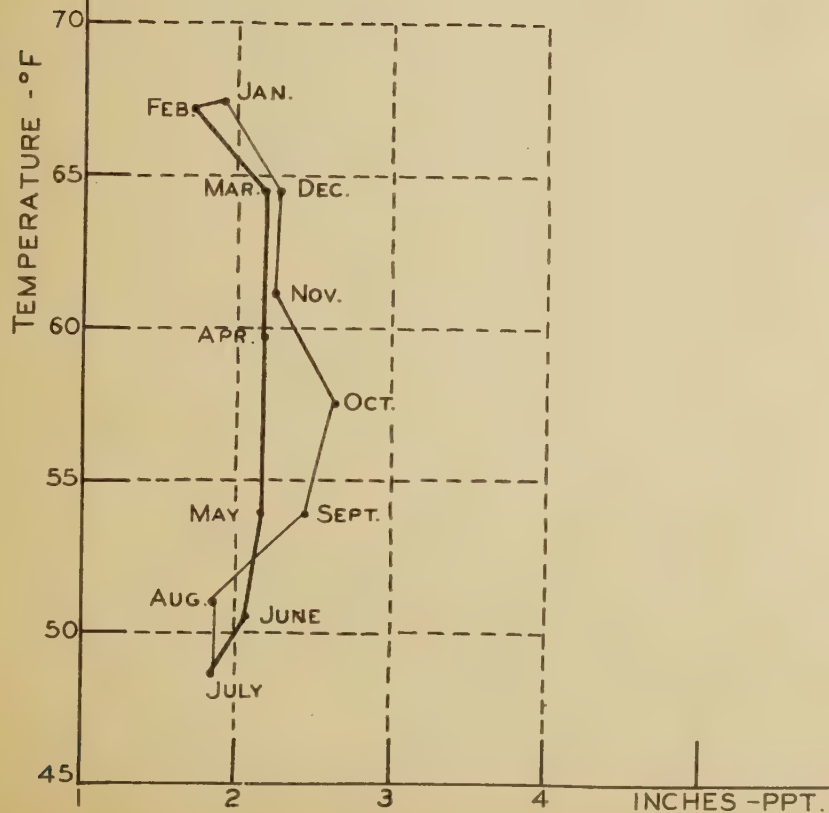
PREPARED BY E.B. FITZGERALD - 1929

U.S. BUREAU OF ENTOMOLOGY

(DATA FROM SMITHSONIAN WORLD WEATHER RECORDS - 1927)

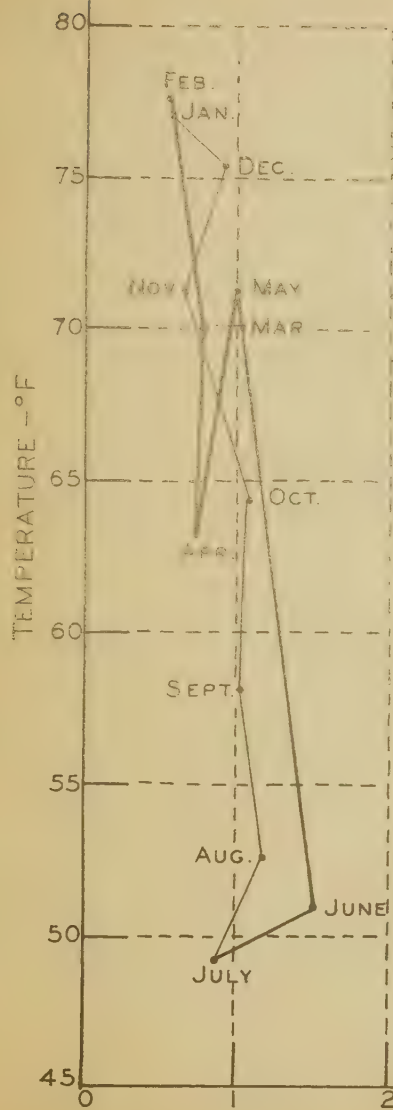


HYTHERGRAPH OF
MELBOURNE, VICTORIA, AUSTRALIA
ALTITUDE - 98 FT.
MEAN TEMPERATURE - 51 YRS.
MEAN PRECIPITATION - 71 YRS.
PREPARED BY E.B. FITZGERALD - 1929
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HYTHERGRAPH OF
MILDURA, VICTORIA, AUSTRALIA
ALT. LESS THAN 500 FT.

MEAN PRECIPITATION - 22 YRS.
PREPARED BY E.B. FITZGERALD - 1929
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(DATA FROM WEATHER BUREAU)



HYTHERGRAPH OF
SYDNEY, N.S. WALES, AUSTRALIA

ALTITUDE - 138 FT.

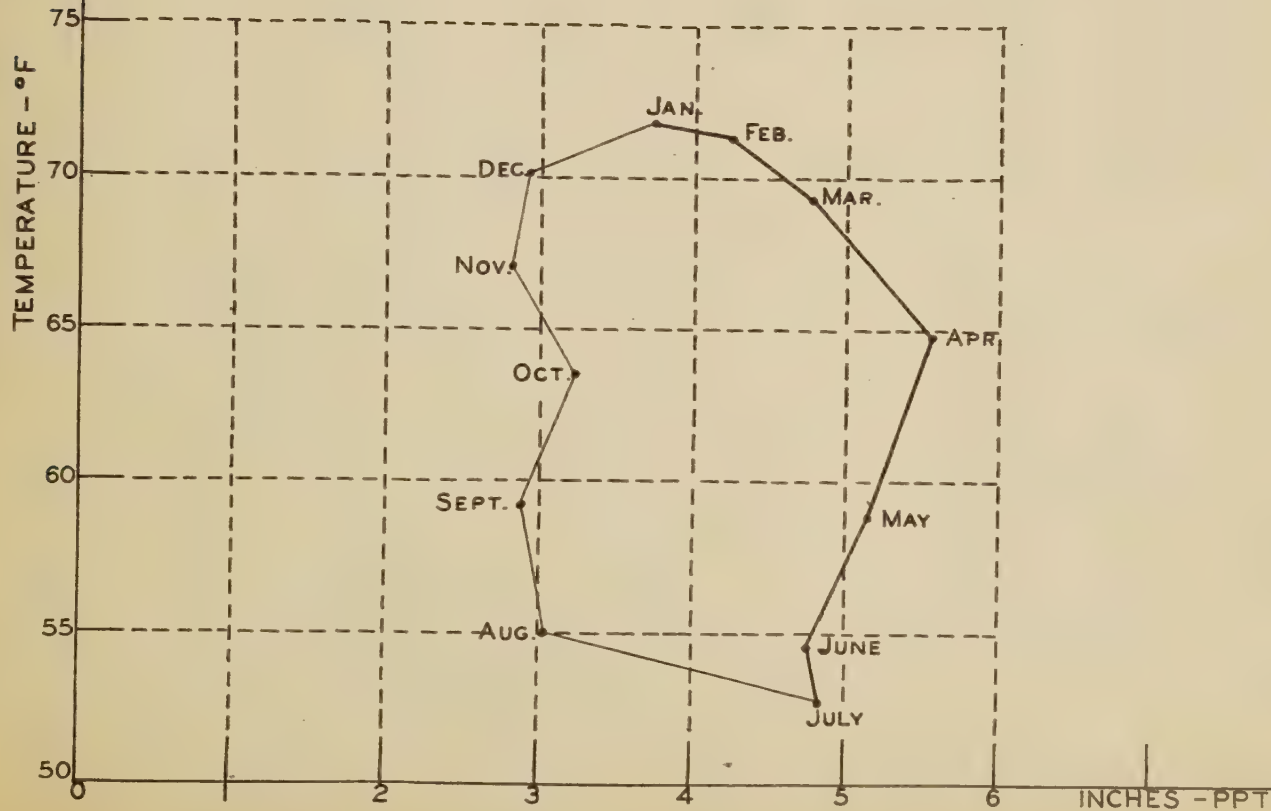
MEAN TEMPERATURE - 65 YRS.

MEAN PRECIPITATION - 85 YRS.

PREPARED BY E.B. FITZGERALD - 1929

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HYTHERGRAPH OF
HORTA, AZORES

ALT. 213 FT.

MEAN TEMPERATURE - 21 YRS.

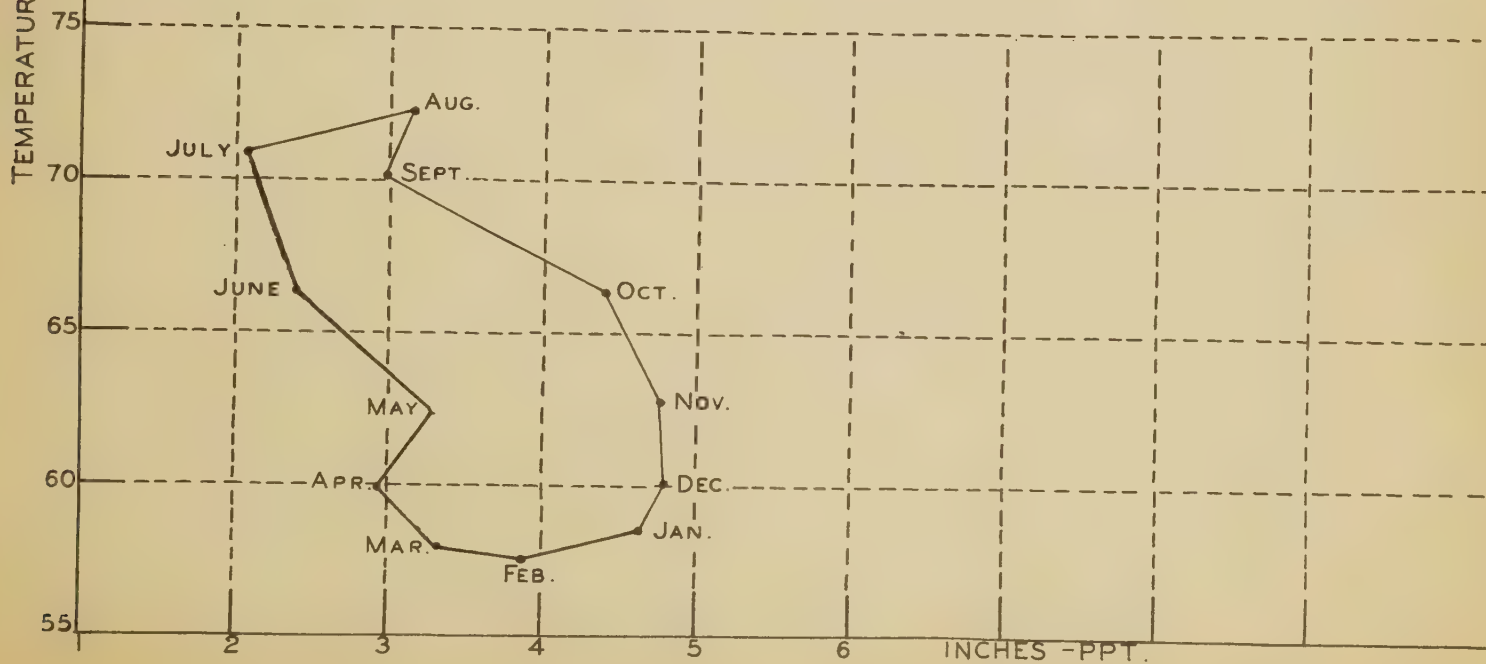
MEAN PRECIPITATION - 21 YRS.

PREPARED BY E. B. FITZGERALD - 1929

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(DATA FROM SMITHSONIAN WORLD WEATHER RECORDS - 1927)

TEMPERATURE - °F



HYTHERGRAPH OF
PONTA DELGADA, AZORES

ALT. 73 FT.

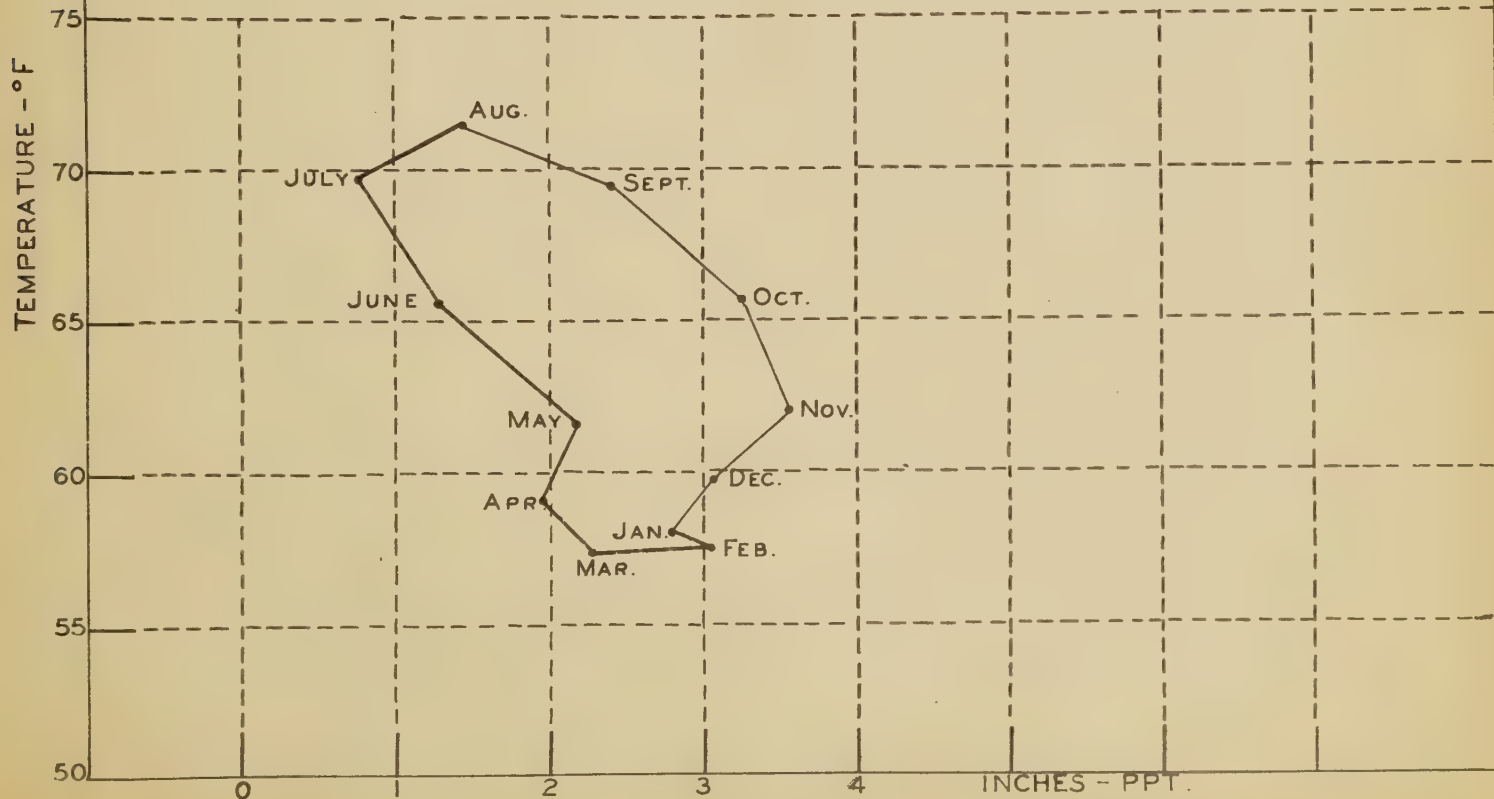
MEAN TEMPERATURE - 29 YRS.

MEAN PRECIPITATION - 29 YRS.

PREPARED BY E.B. FITZGERALD - 1929

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HYTHERGRAPH OF

BERMUDA

ALT. 149 FT.

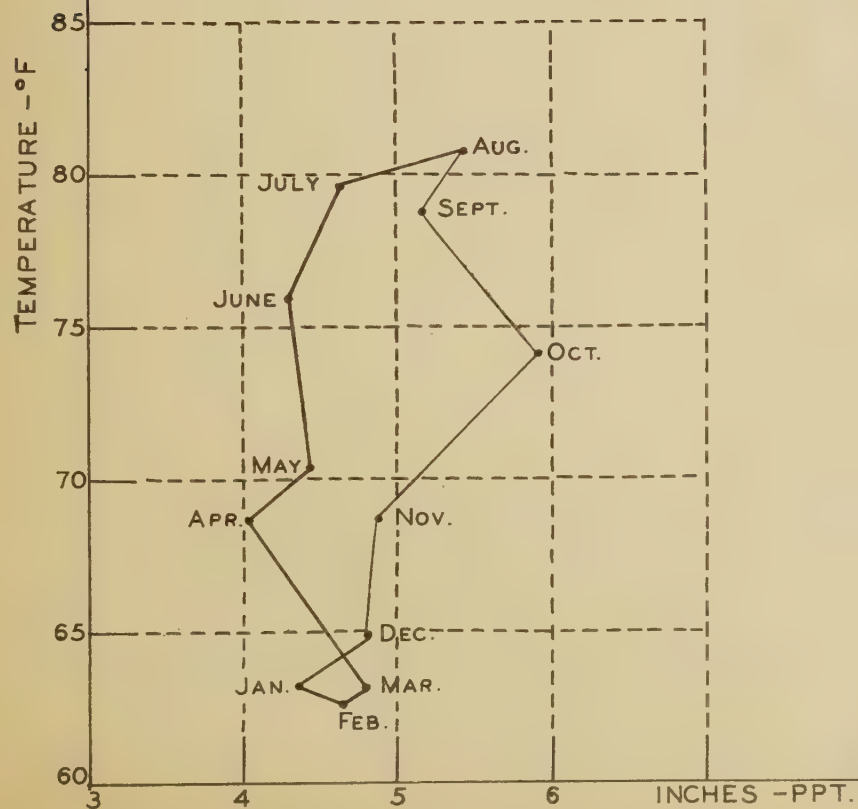
MEAN TEMPERATURE-54 YRS.

MEAN PRECIPITATION-54 YRS.

PREPARED BY E.B.FITZGERALD-1929

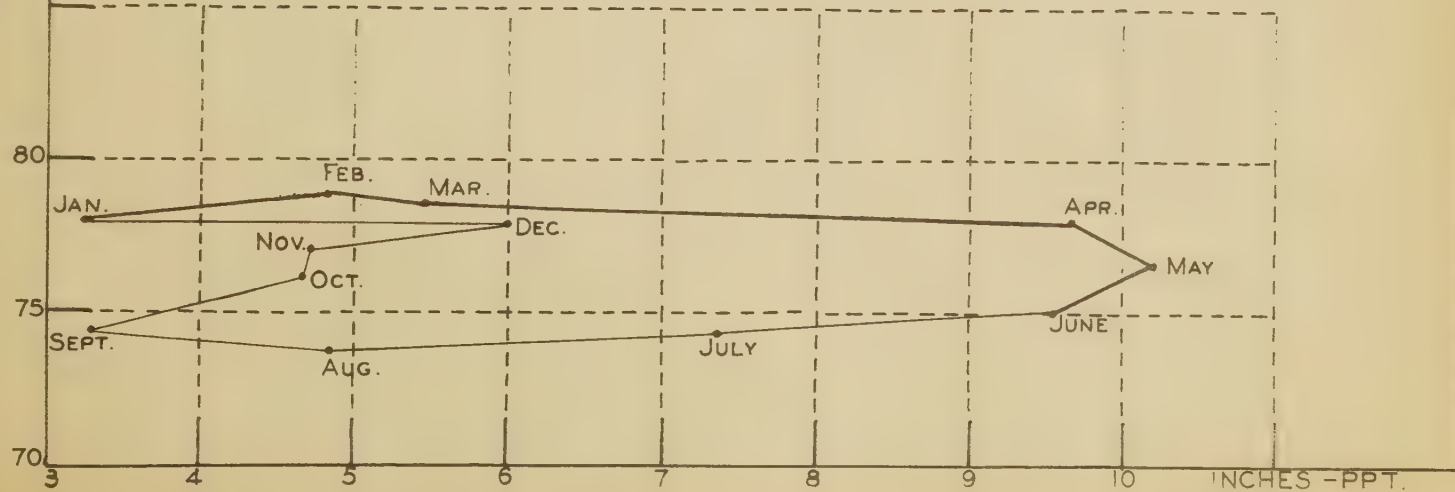
U.S.BUREAU OF ENTOMOLOGY

(DATA FROM SMITHSONIAN WORLD WEATHER RECORDS-1927)



HYTHERGRAPH OF
ONDINA - NEAR BAHIA - BRAZIL
MEAN TEMPERATURE - 11 YRS.
MEAN PRECIPITATION - 11 YRS.
ALT. LESS THAN 500 FT.
PREPARED BY E.B. FITZGERALD - 1929
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(DATA FROM WEATHER BUREAU)

TEMPERATURE - °F



HYTHERGRAPH OF PORTO ALEGRE, BRAZIL RIO GRANDE DO SUL

ALT. LESS THAN 500 FT.

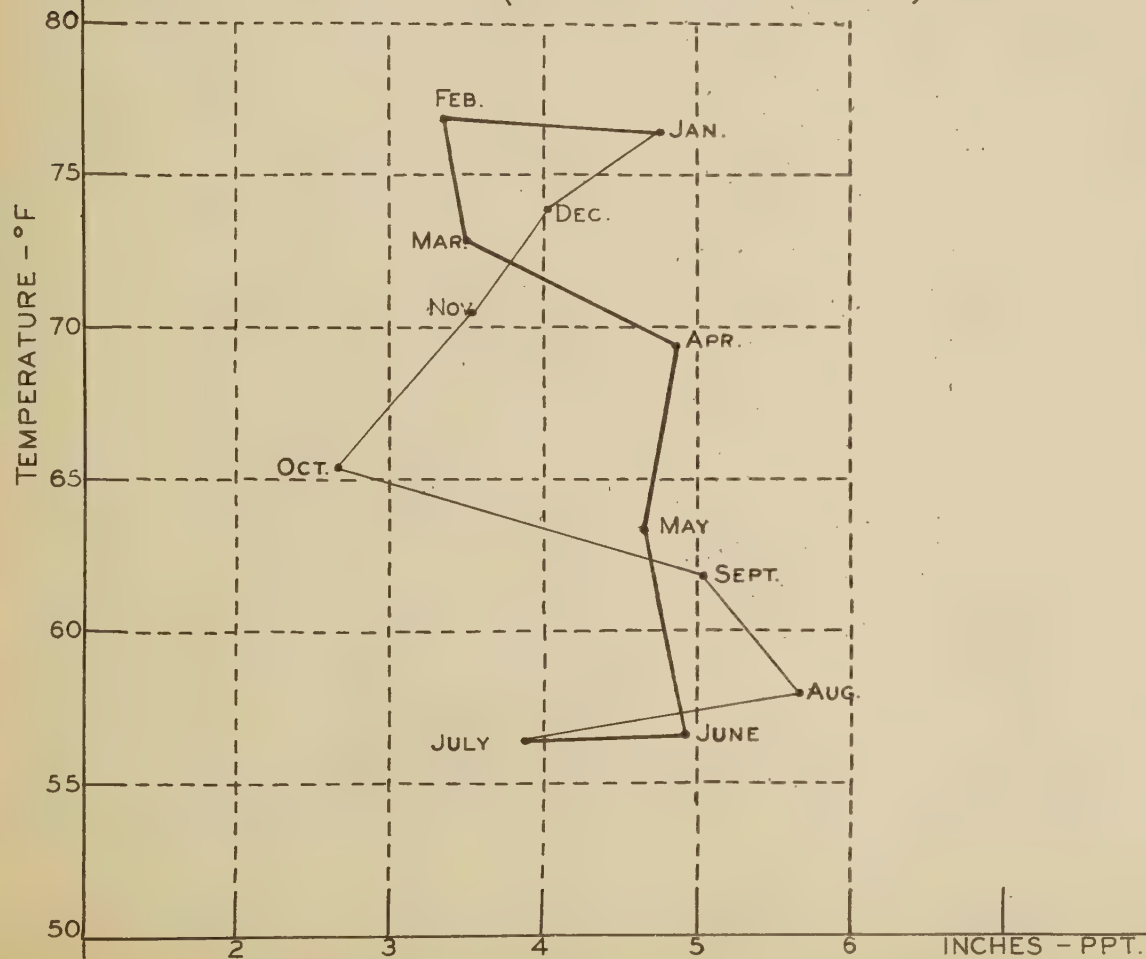
MEAN TEMPERATURE - 10 YRS.

MEAN PRECIPITATION - 10 YRS.

PREPARED BY E.B. FITZGERALD - 1929

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HYTHERGRAPH OF
RIO DE JANEIRO, BRAZIL

ALT. 200 FT.

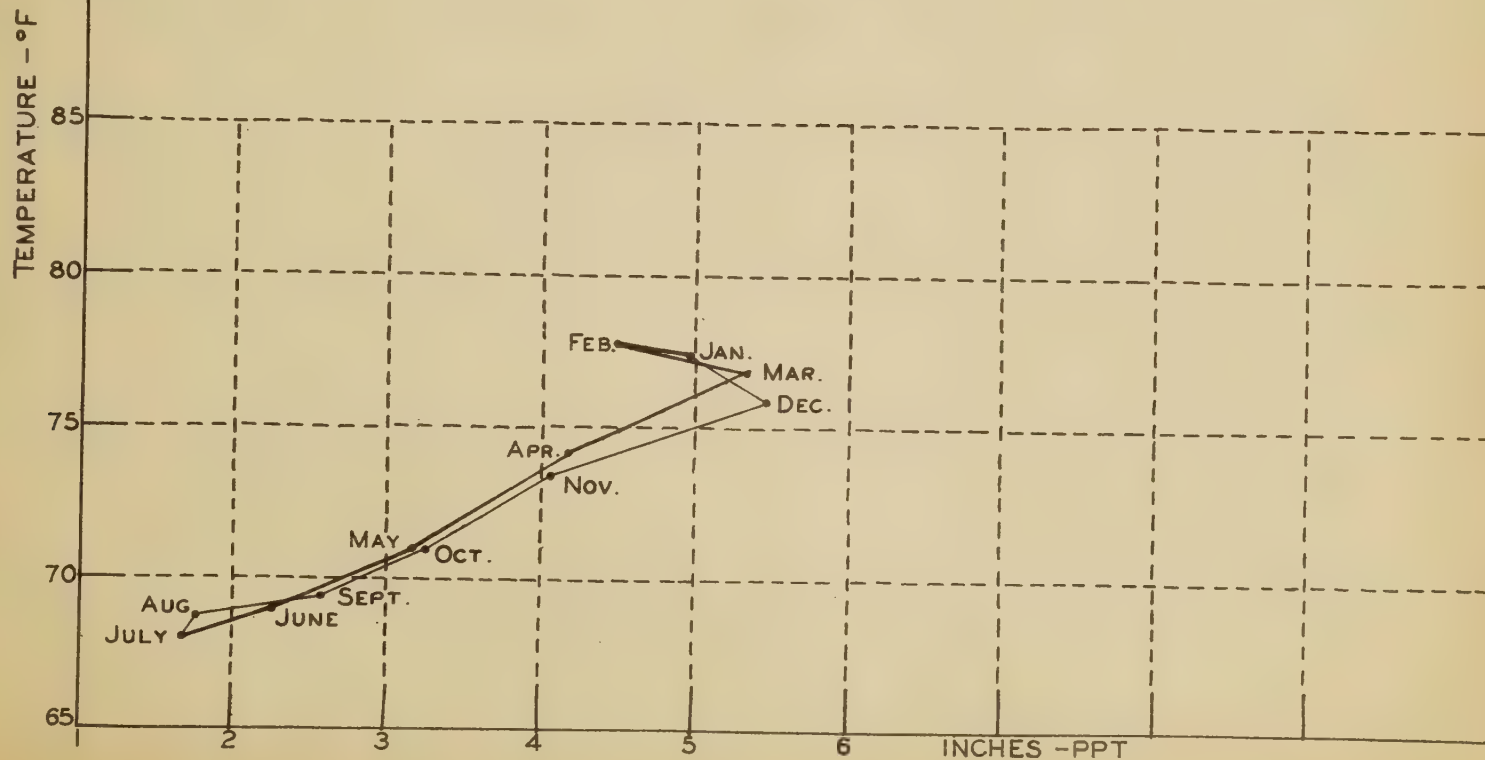
MEAN TEMPERATURE - 39 YRS.

MEAN PRECIPITATION - 75 YRS.

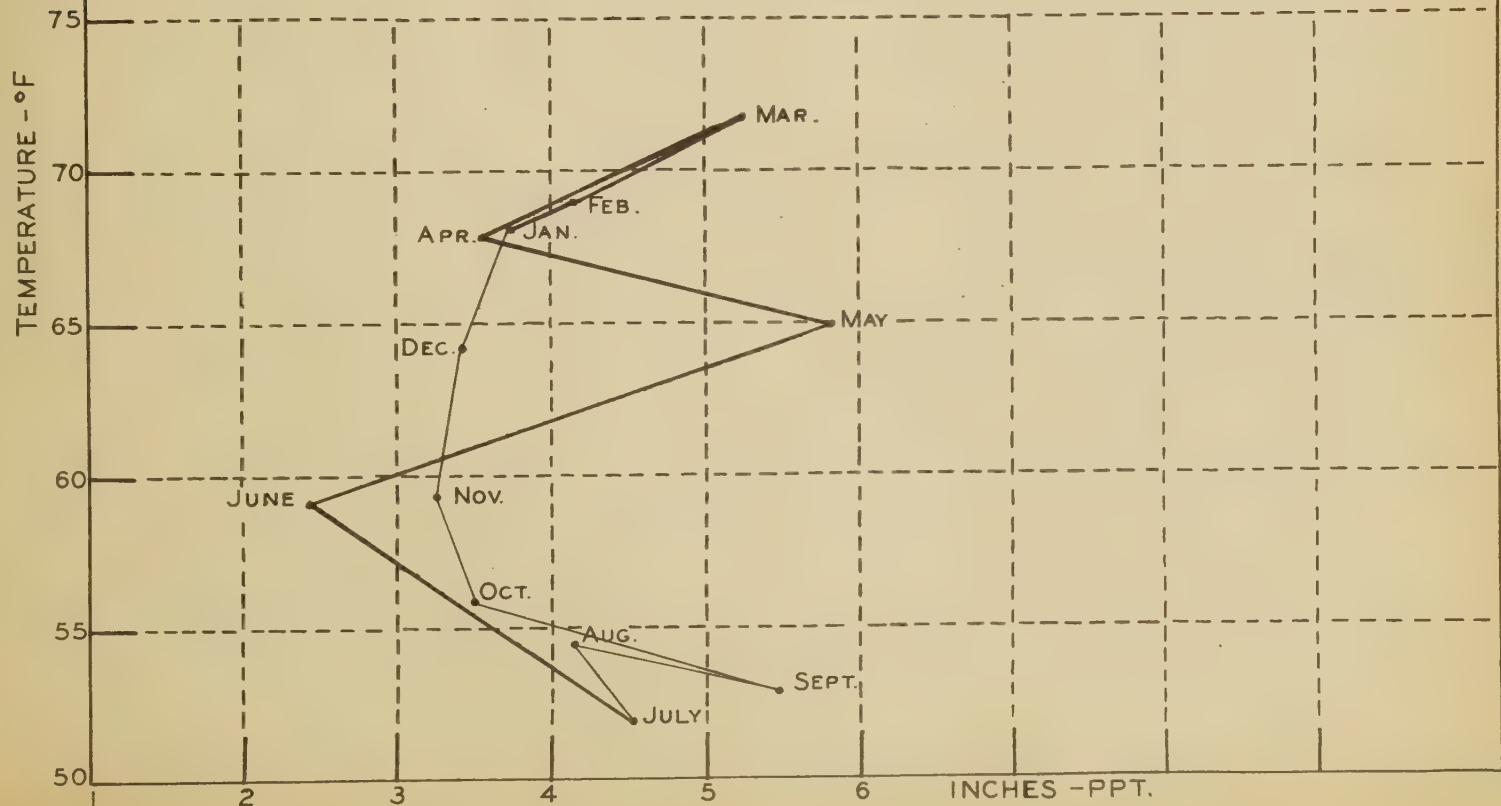
PREPARED BY E.B. FITZGERALD - 1929

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HYTHERGRAPH OF
 SANTA VICTORIA DO PALMAR,
 RIO GRANDE DO SUL, BRAZIL.
 ALT. LESS THAN 500 FT.
 MEAN TEMPERATURE - 7 YRS.
 MEAN PRECIPITATION - 7 YRS.
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 (DATA FROM WEATHER BUREAU)



HYTHERGRAPH OF SANTOS, SAO PAULO, BRAZIL

ALT. 10 FT.

MEAN TEMPERATURE - 22 YRS.

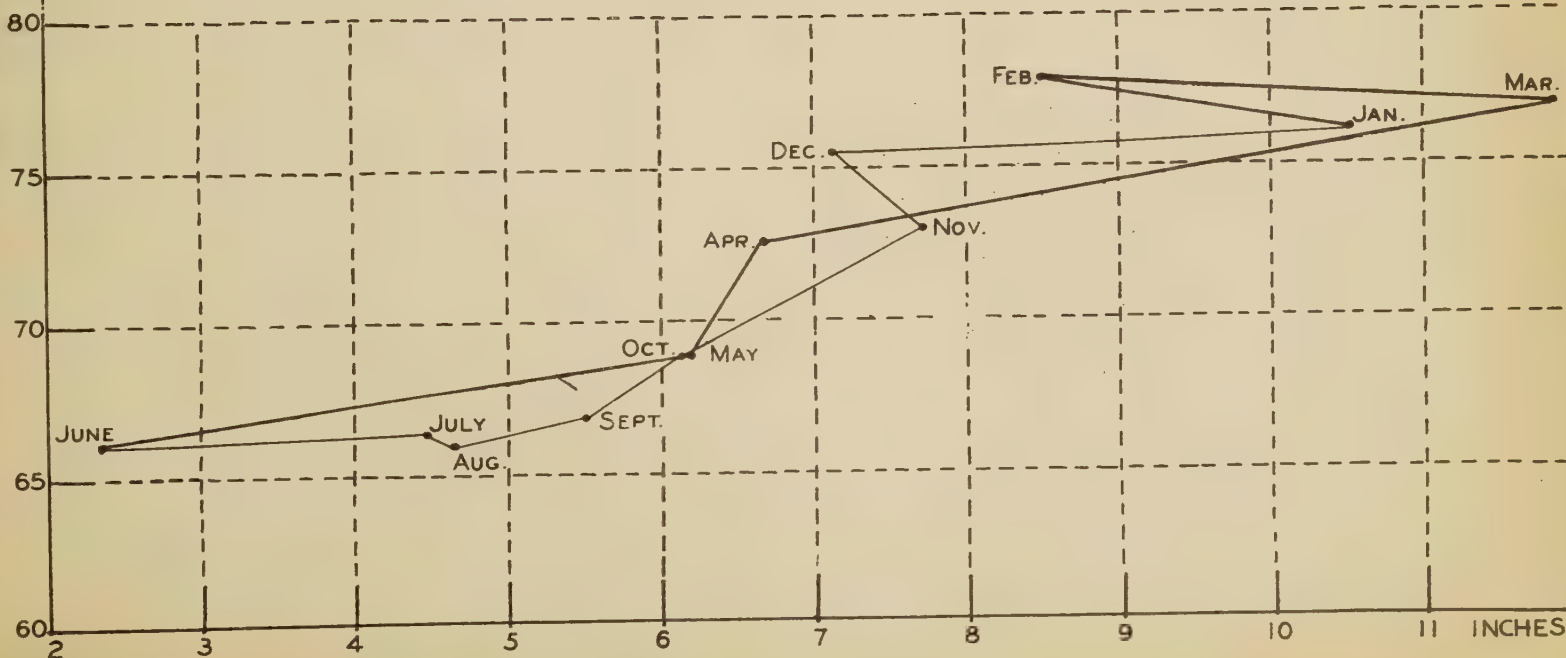
MEAN PRECIPITATION - 22 YRS.

PREPARED BY E.B. FITZGERALD - 1929

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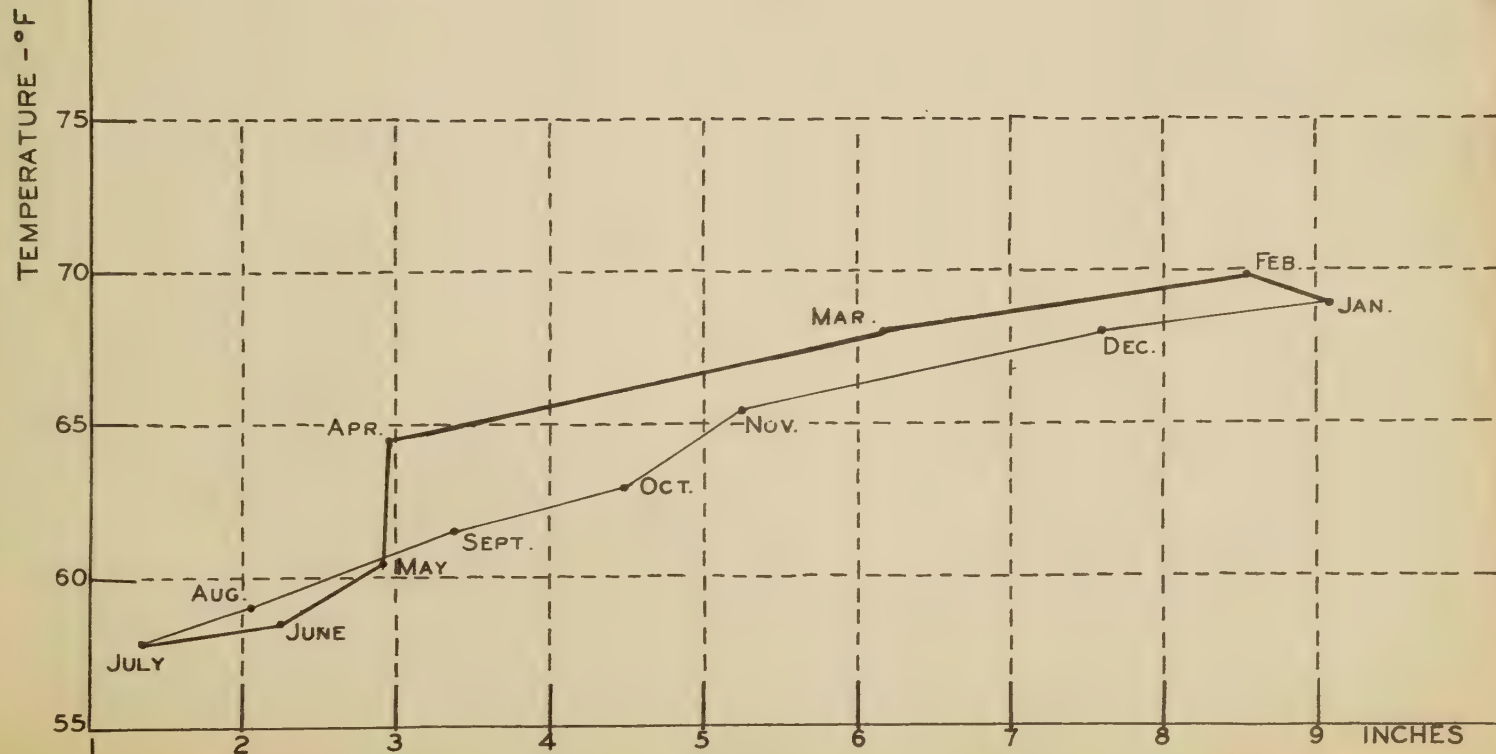
(DATA FROM WEATHER BUREAU)

TEMPERATURE - °F





HYTHERGRAPH OF
 SAO PAULO, SAO PAULO, BRAZIL
 ALT. 2690 FT.
 MEAN TEMPERATURE -15 YRS.
 MEAN PRECIPITATION -31 YRS.
 PREPARED BY E.B. FITZGERALD -1929
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HYTHERGRAPH OF
LA LAGUNA, CANARY IS.

ALT. 5 FT.

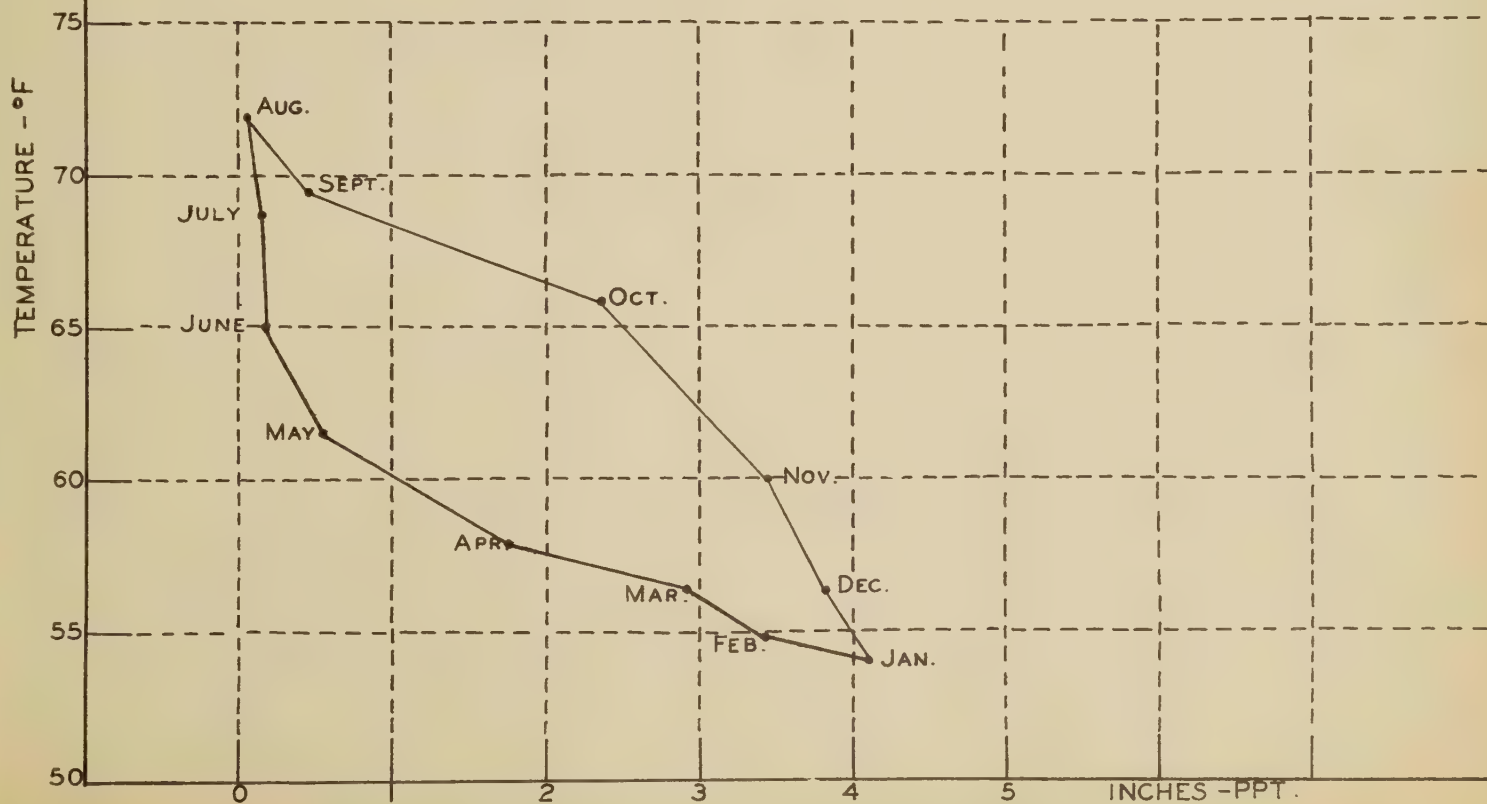
MEAN TEMPERATURE -35 YRS.

MEAN PRECIPITATION -35 YRS.

PREPARED BY E.B. FITZGERALD -1929

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(DATA FROM SMITHSONIAN WORLD WEATHER RECORDS -1927)



HYTHERGRAPH OF PRAIA, CAPE VERDE IS.

ALT. 111 FT.

MEAN TEMPERATURE - 12 YRS.

MEAN PRECIPITATION - 12 YRS.

PREPARED BY E.B. FITZGERALD - 1929

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DATA FROM WEATHER BUREAU

TEMPERATURE - °F

85

80

75

70

JULY

JUNE

MAY

APR.

MAR.

FEB. JAN.

DEC.

NOV.

OCT.

SEPT.

AUG.

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1

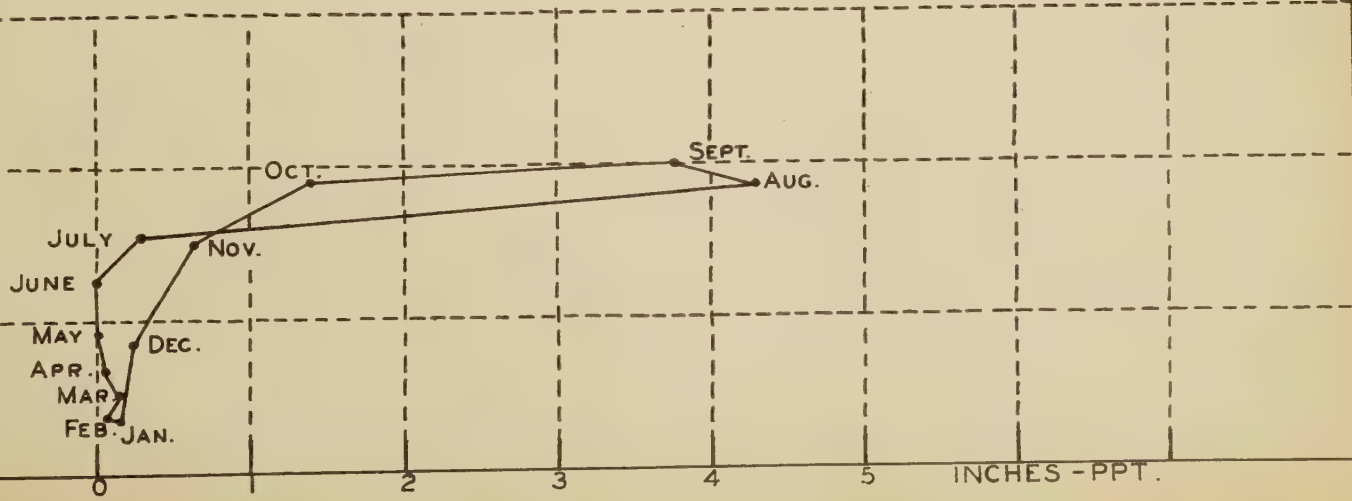
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3

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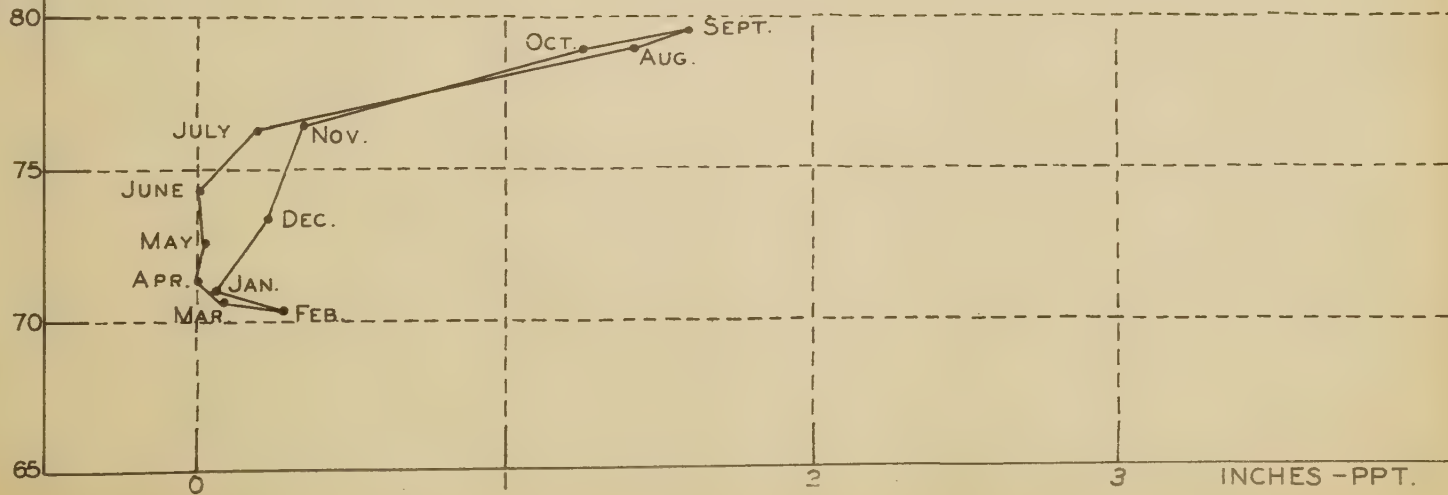
5

INCHES - PPT.

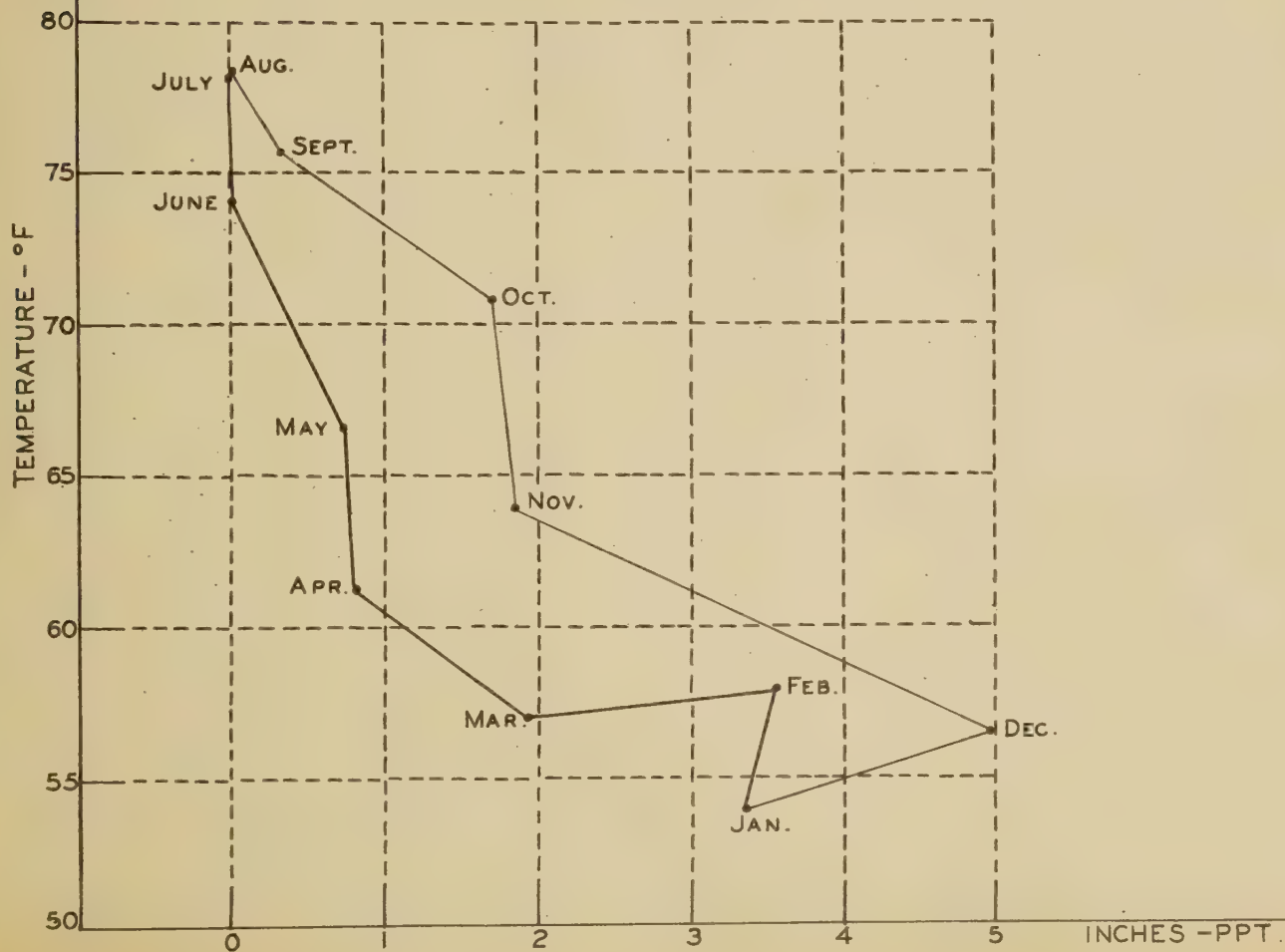


HYTHERGRAPH OF
ST. VINCENT, CAPE VERDE IS.
ALT. 36 FT.
MEAN TEMPERATURE - 10 YRS.
MEAN PRECIPITATION - 20 YRS.
PREPARED BY E.B. FITZGERALD - 1929
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(DATA FROM WEATHER BUREAU)

TEMPERATURE - °F



HYTHERGRAPH OF
LIMASSOL, CYPRUS
ALT. 71 FT.
MEAN TEMPERATURE - 8 YRS.
MEAN PRECIPITATION - 8 YRS.
PREPARED BY E.B. FITZGERALD - 1933
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(DATA FROM WEATHER BUREAU)



HYTHERGRAPH OF

NICOSIA, CYPRUS

ALT. 522 FT.

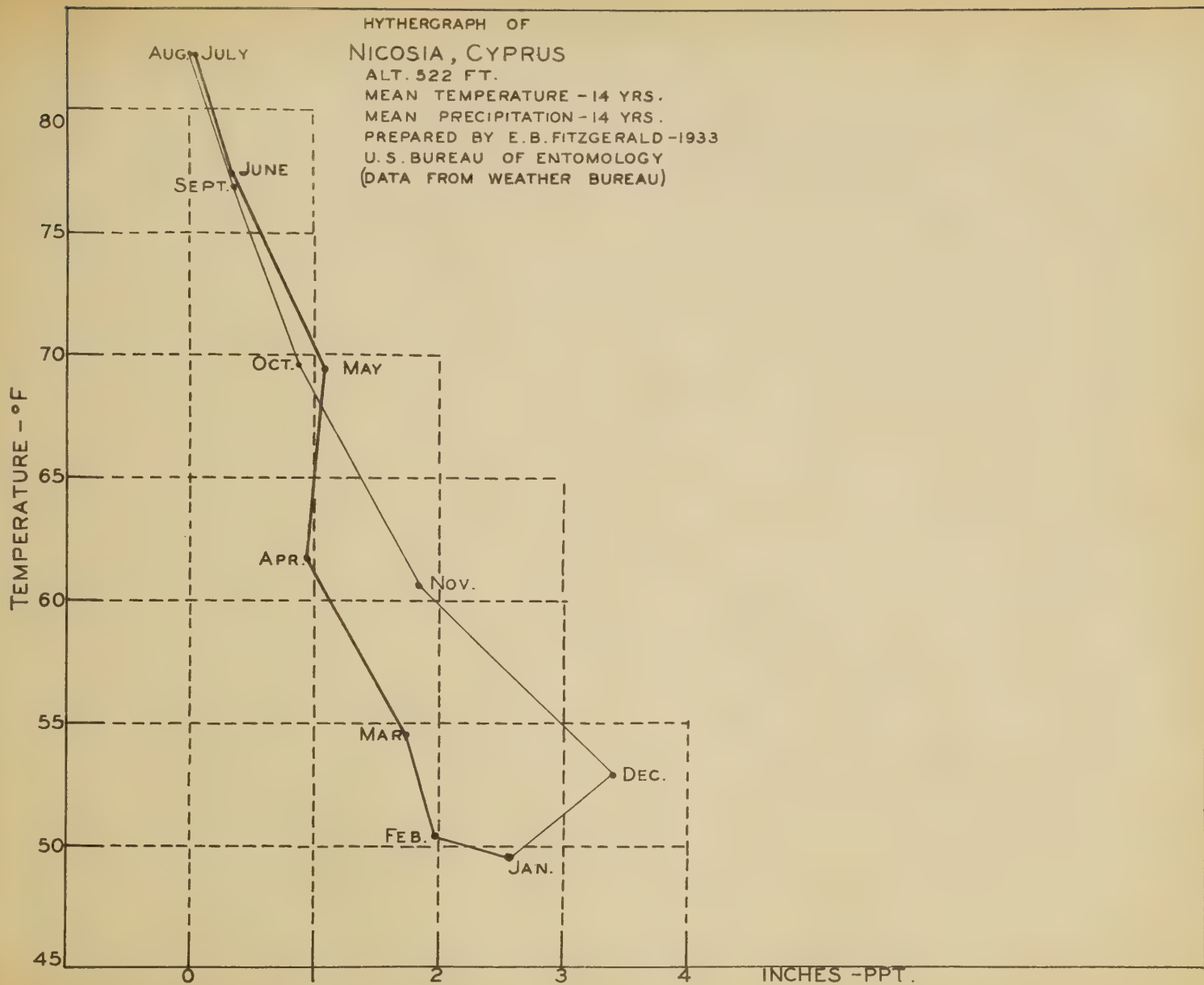
MEAN TEMPERATURE - 14 YRS.

MEAN PRECIPITATION - 14 YRS.

PREPARED BY E.B. FITZGERALD - 1933

U.S. BUREAU OF ENTOMOLOGY

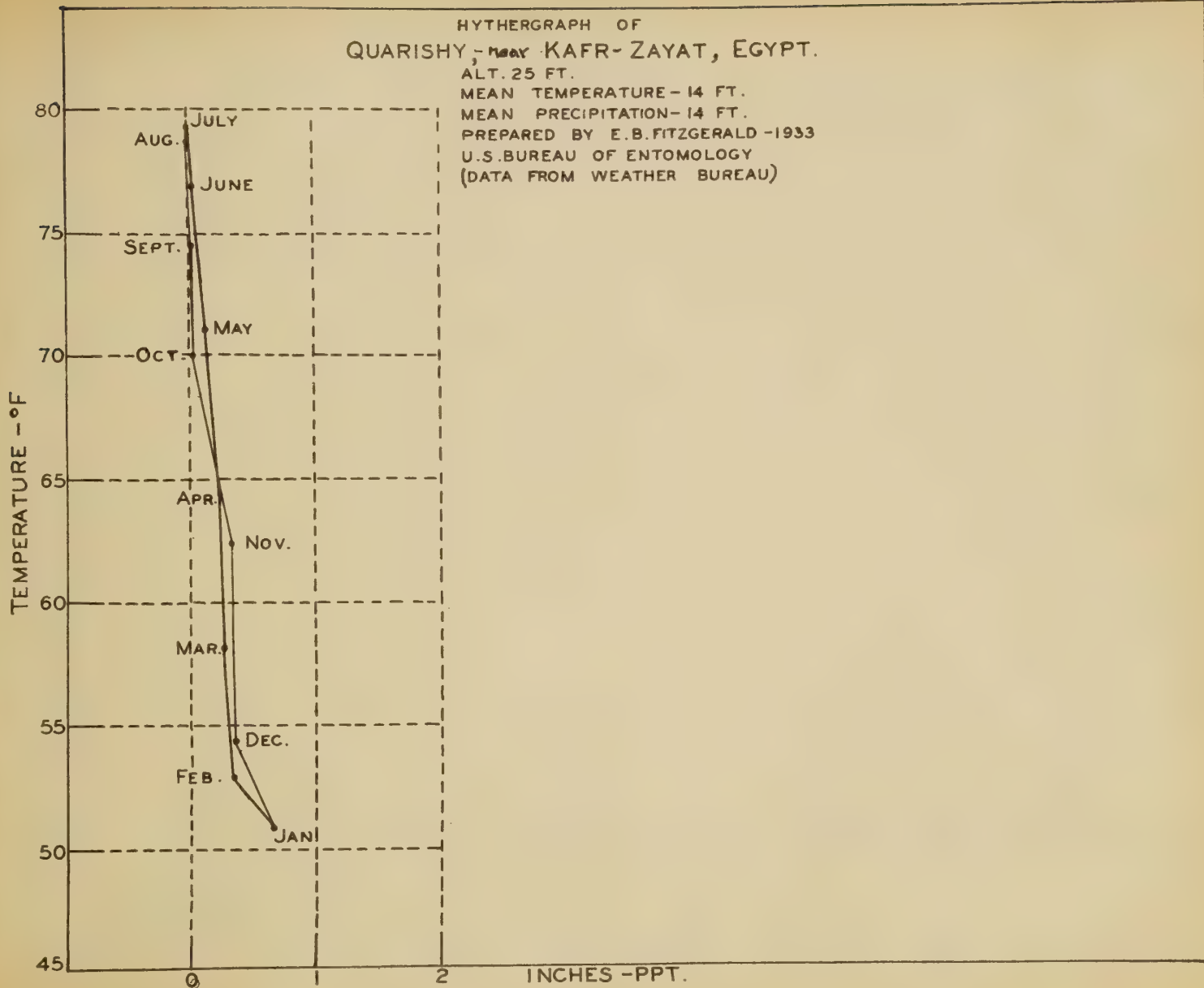
(DATA FROM WEATHER BUREAU)



HYTHERGRAPH OF
 QUARISHY, ~~near~~ KAHR-ZAYAT, EGYPT.
 ALT. 25 FT.
 MEAN TEMPERATURE - 14 FT.
 MEAN PRECIPITATION - 14 FT.
 PREPARED BY E.B. FITZGERALD - 1933
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 (DATA FROM WEATHER BUREAU)

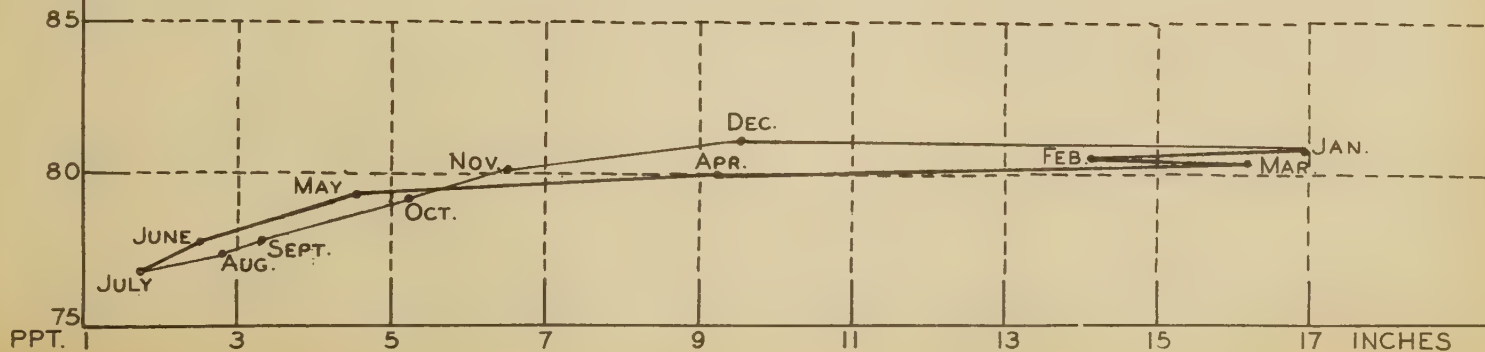
TEMPERATURE - °F

INCHES - PPT.



HYTHERGRAPH OF
 DELANASUA, FIJI IS.
 ALT. LESS THAN 500 FT.
 MEAN TEMPERATURE - 15 YRS.
 MEAN PRECIPITATION - 40 YRS.
 PREPARED BY E. B. FITZGERALD - 1929
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 (DATA FROM WEATHER BUREAU)

TEMPERATURE - °F



HYTHERGRAPH OF MARSEILLES, FRANCE

ALT. 246 FT.

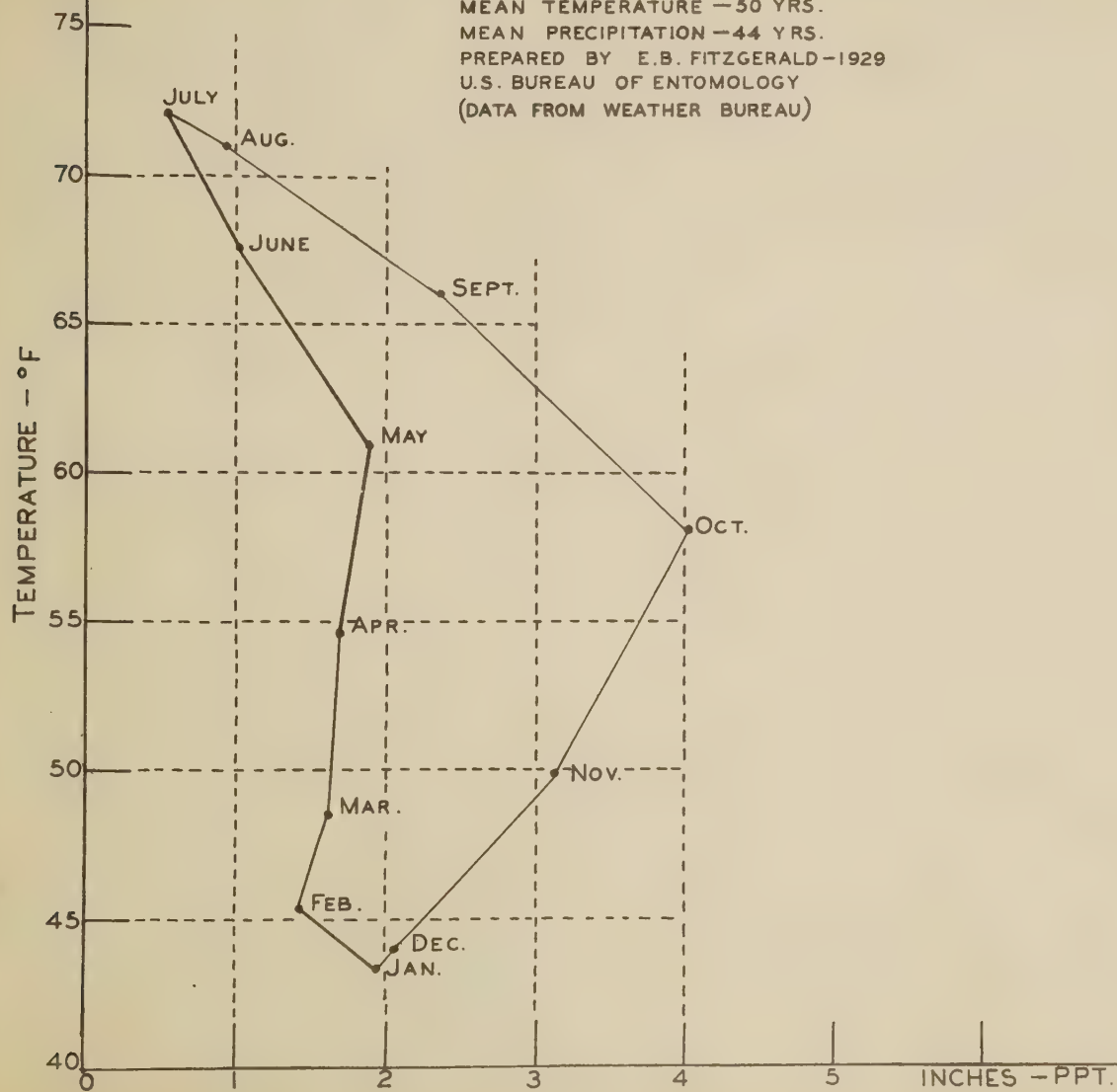
MEAN TEMPERATURE — 50 YRS.

MEAN PRECIPITATION — 44 YRS.

PREPARED BY E.B. FITZGERALD-1929

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HYTHERGRAPH OF MONTPELIER, FRANCE

ALT. 114 FT.

MEAN TEMPERATURE — 50 YRS.

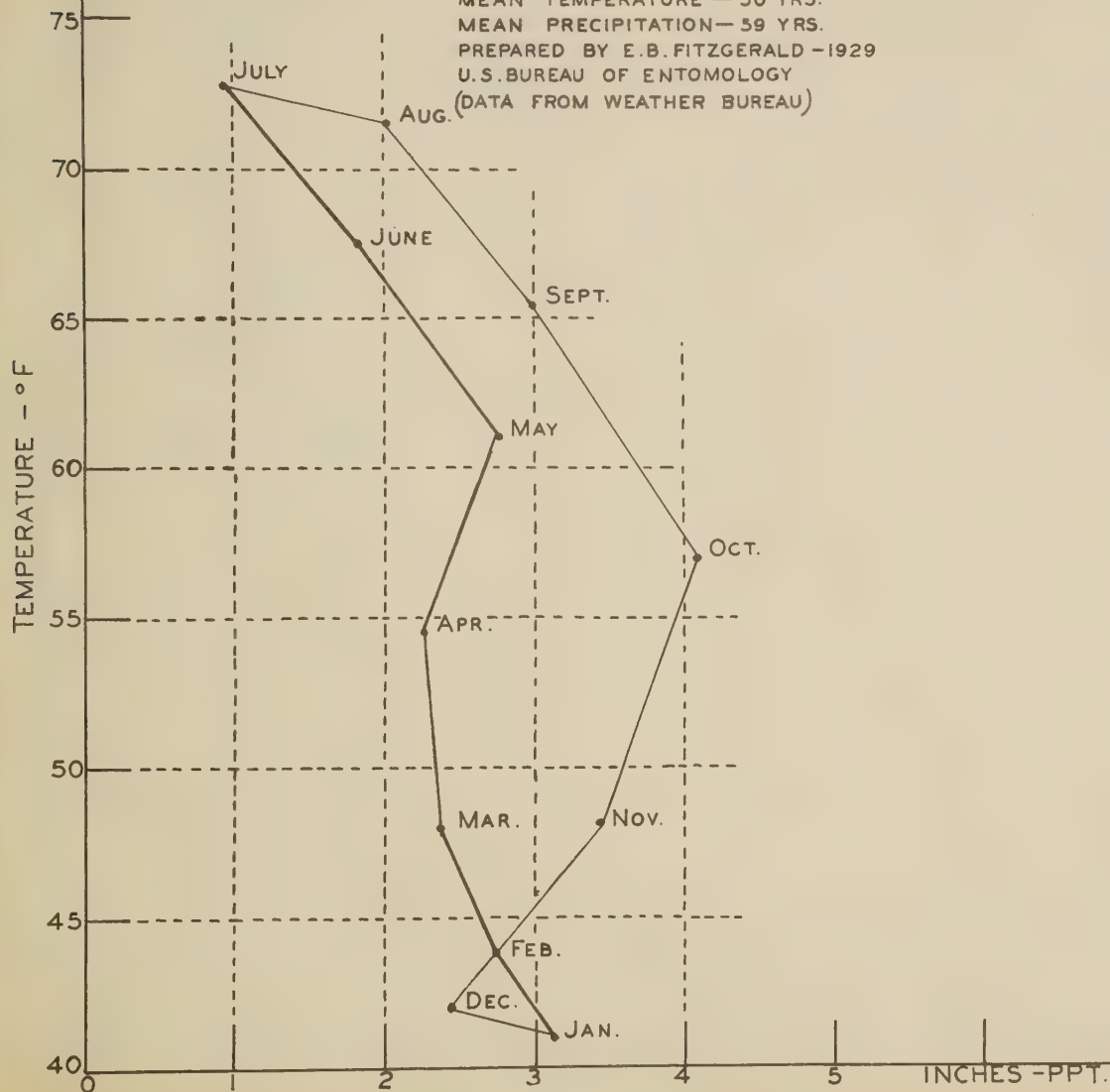
MEAN PRECIPITATION — 59 YRS.

PREPARED BY E.B. FITZGERALD — 1929

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(DATA FROM WEATHER BUREAU)

TEMPERATURE — °F

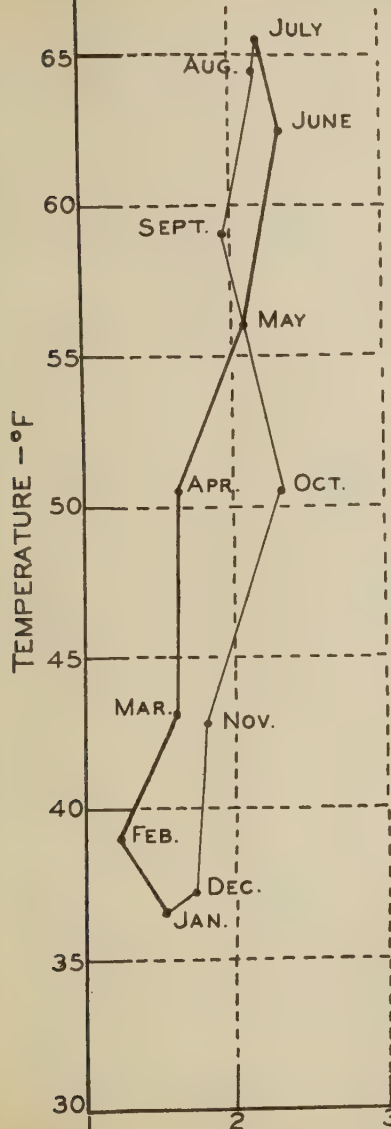


INCHES — PPT.

HYTHERGRAPH OF
PARIS, (PARC ST. MAUR), FRANCE
ALT. 164 FT.

MEAN PRECIPITATION - 38 YRS.
PREPARED BY E.B. FITZGERALD-1929
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(DATA FROM WEATHER BUREAU)

TEMPERATURE --°F



INCHES - PPT.

HYTHERGRAPH OF ATHENS, GREECE (near Patras)

ALT. 351 FT.

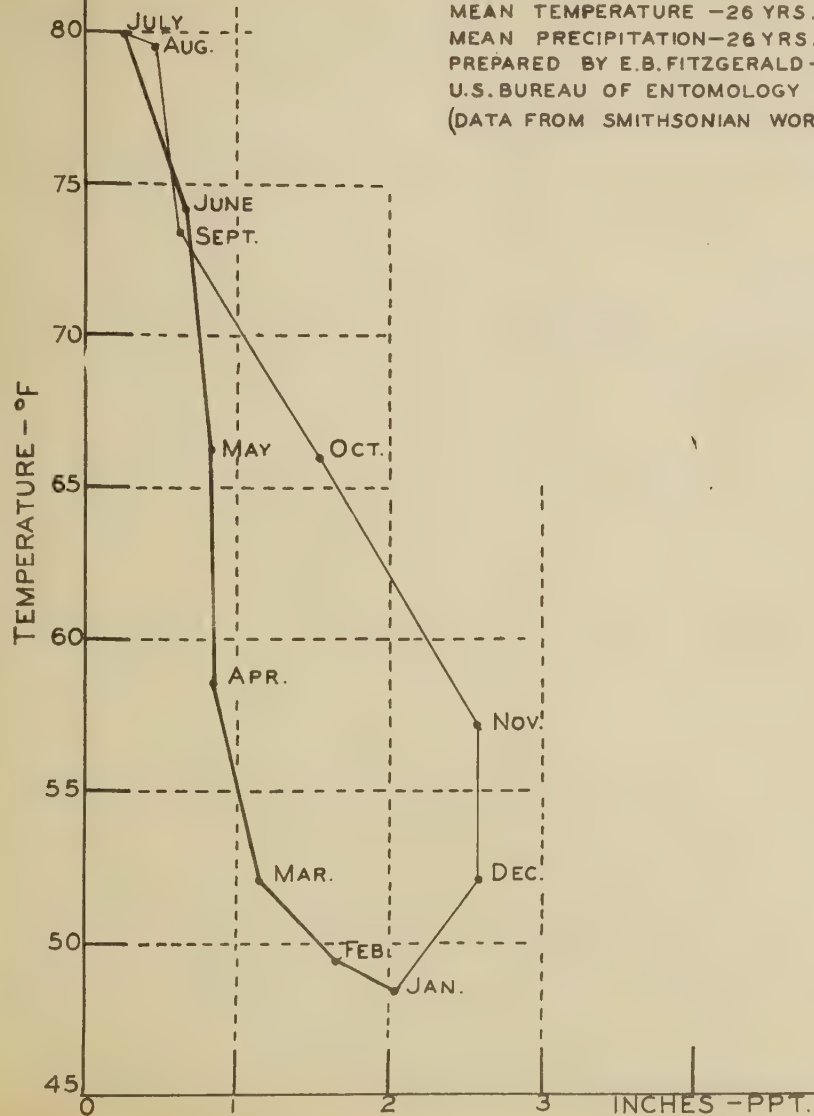
MEAN TEMPERATURE -26 YRS.

MEAN PRECIPITATION-26 YRS.

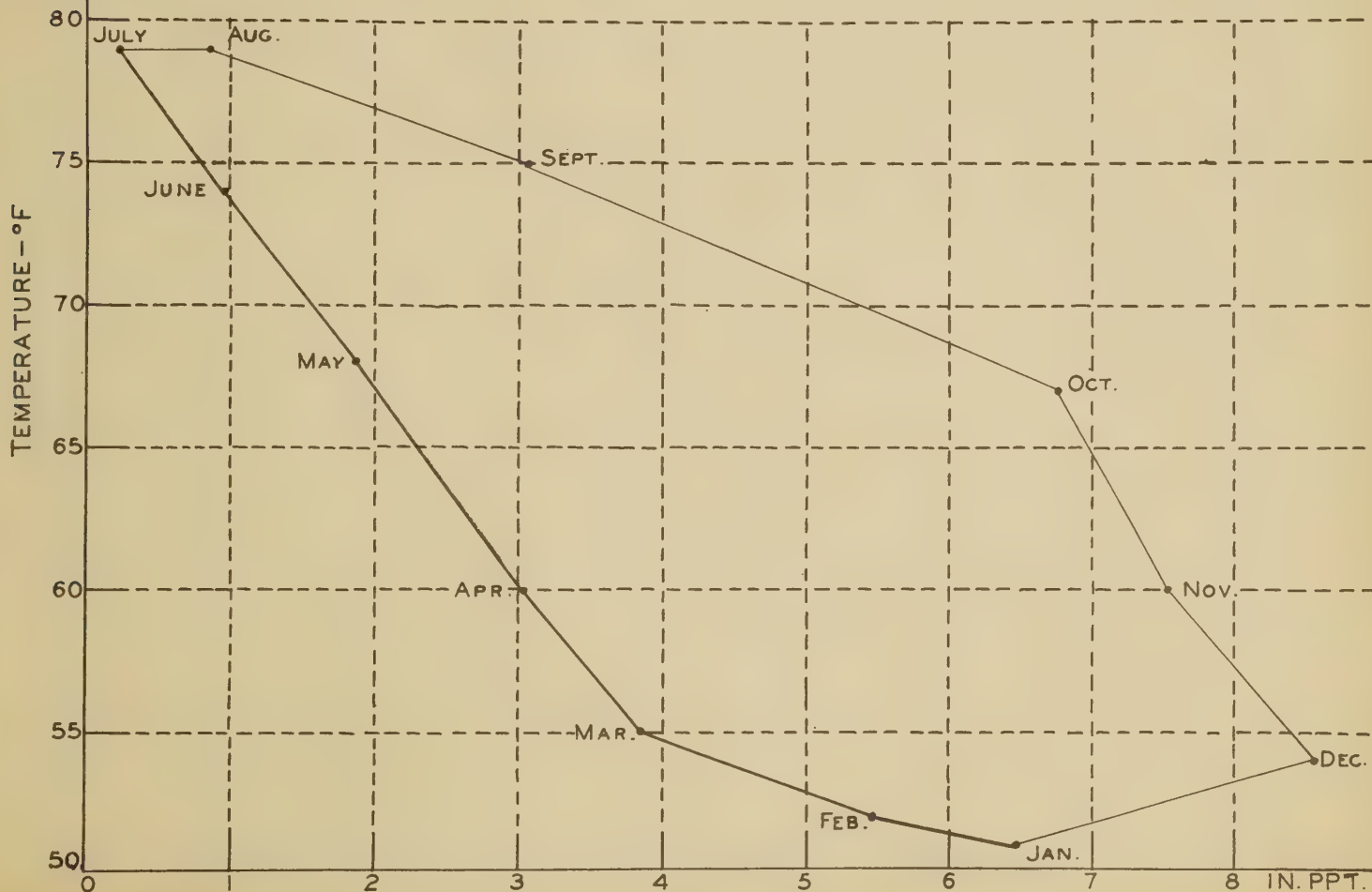
PREPARED BY E.B.FITZGERALD-1929

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HYTHERGRAPH OF
CORFU, near ALBANIA, GREECE
ALT. 89 FT.
MEAN TEMPERATURE-29 YRS.
MEAN PRECIPITATION-49 YRS.
PREPARED BY E.B. FITZGERALD -1933
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HYTHERGRAPH OF PATRAS, GREECE

ALT. 16 FT.

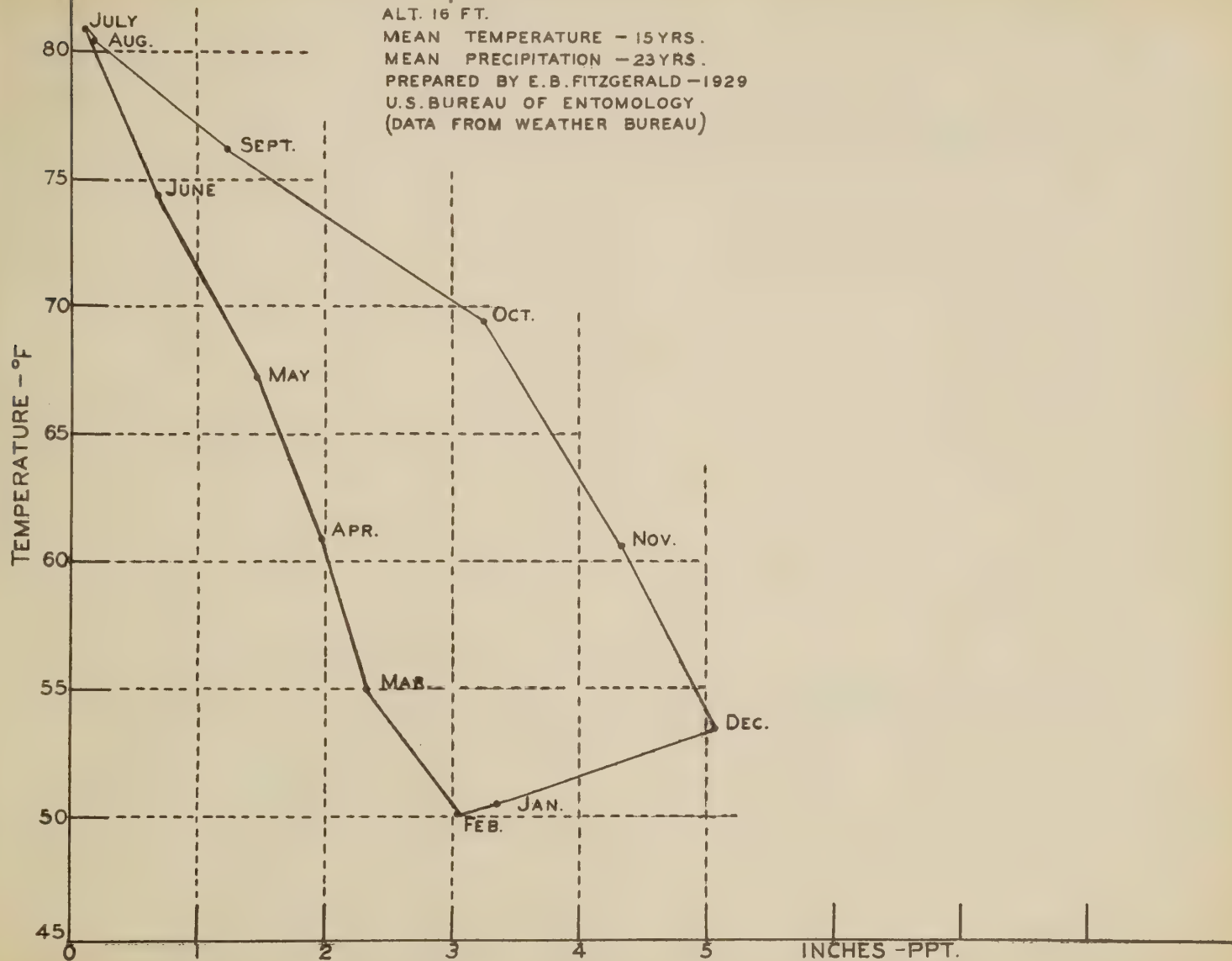
MEAN TEMPERATURE - 15 YRS.

MEAN PRECIPITATION - 23 YRS.

PREPARED BY E.B. FITZGERALD - 1929

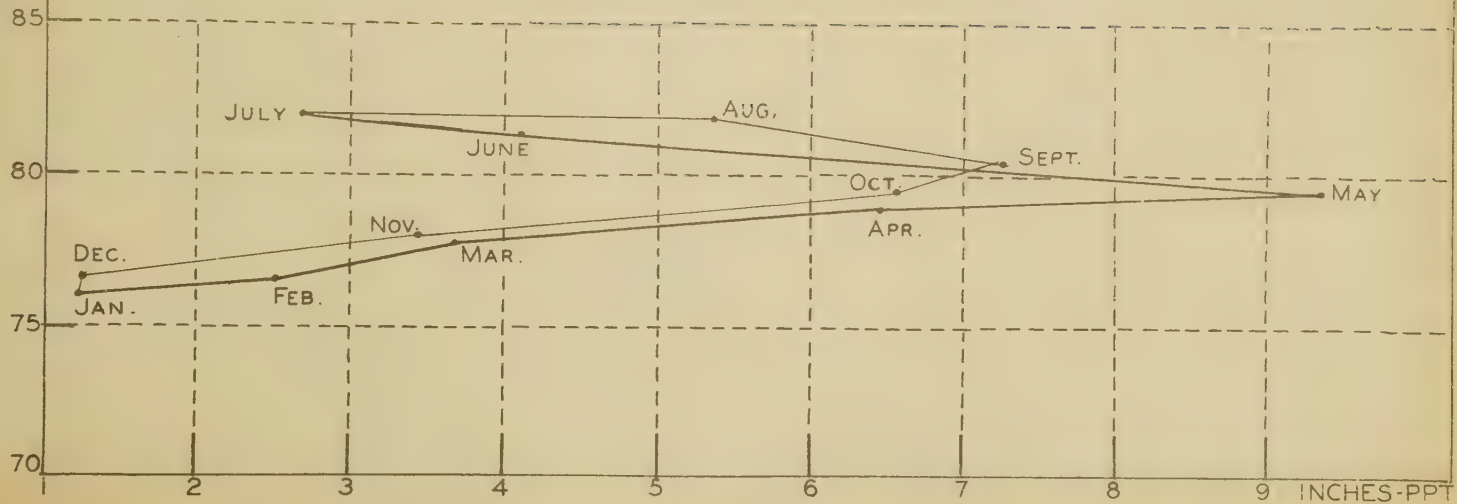
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(DATA FROM WEATHER BUREAU)



HYTHERGRAPH OF
PORT AU PRINCE, HAITI
ALT. 122 FT.
MEAN TEMPERATURE -61 YRS.
MEAN PRECIPITATION -62 YRS.
PREPARED BY E.B.FITZGERALD -1929
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(DATA FROM SMITHSONIAN WORLD WEATHER RECORDS -1927)

TEMPERATURE - °F



HYTHERGRAPH OF
HONOLULU, OAHU, HAWAIIAN IS.

ALT. 38 FT.

MEAN TEMPERATURE - 37 YRS.

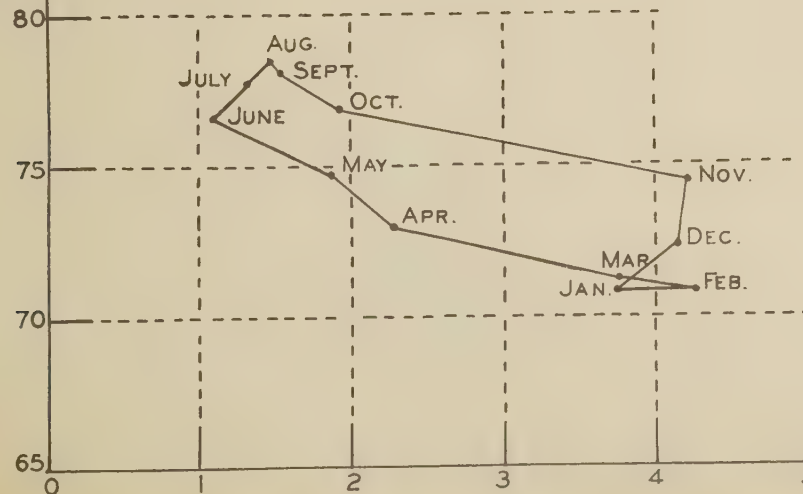
MEAN PRECIPITATION - 46 YRS.

PREPARED BY E.B. FITZGERALD - 1929

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TEMPERATURE - °F



INCHES - PPT.

HYTHERGRAPH OF HUEHUE, N. KONA DISTRICT, HAWAII

ALT. ABOUT 1971 FT.

MEAN TEMPERATURE - 6 YRS.

MEAN PRECIPITATION - 15 YRS.

PREPARED BY E. B. FITZGERALD - 1929

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TEMPERATURE - °F

75

70

65

60

JULY

AUG.

SEPT.

OCT.

JUNE

Nov.

APR.

DEC.

FEB.

MAR.

JAN.

INCHES - PPT.

1

2

3

4

5

HYTHERGRAPH OF KEALAKEKUA, S. KONA, HAWAII

ALT. ABOUT 1572 FT.

MEAN TEMPERATURE - 10 YRS.

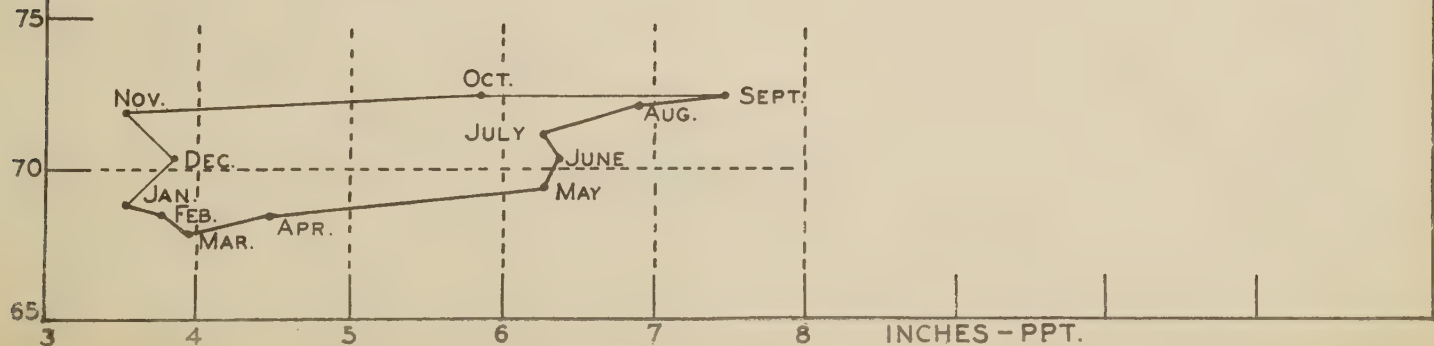
MEAN PRECIPITATION - 17 YRS.

PREPARED BY E.B. FITZGERALD - 1929

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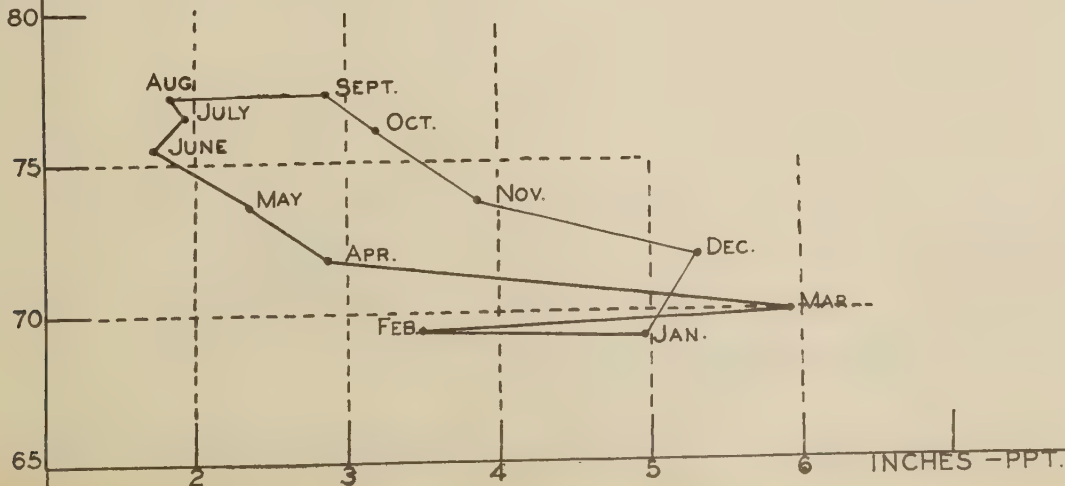
(DATA FROM WEATHER BUREAU)

TEMPERATURE - °F



HYTHERGRAPH OF
 KEALIA, KAUAI, HAWAII
 ALT. ABOUT 14 FT.
 MEAN TEMPERATURE -13YRS.
 MEAN PRECIPITATION-28YRS.
 PREPARED BY E.B. FITZGERALD-1929
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TEMPERATURE -°F



INCHES -PPT.

HYTHERGRAPH OF KIOLAKAA nearest to NAALEHU - (ALT. 650 FT.) HAWAIIAN IS.

ALT. - 1000 FT.

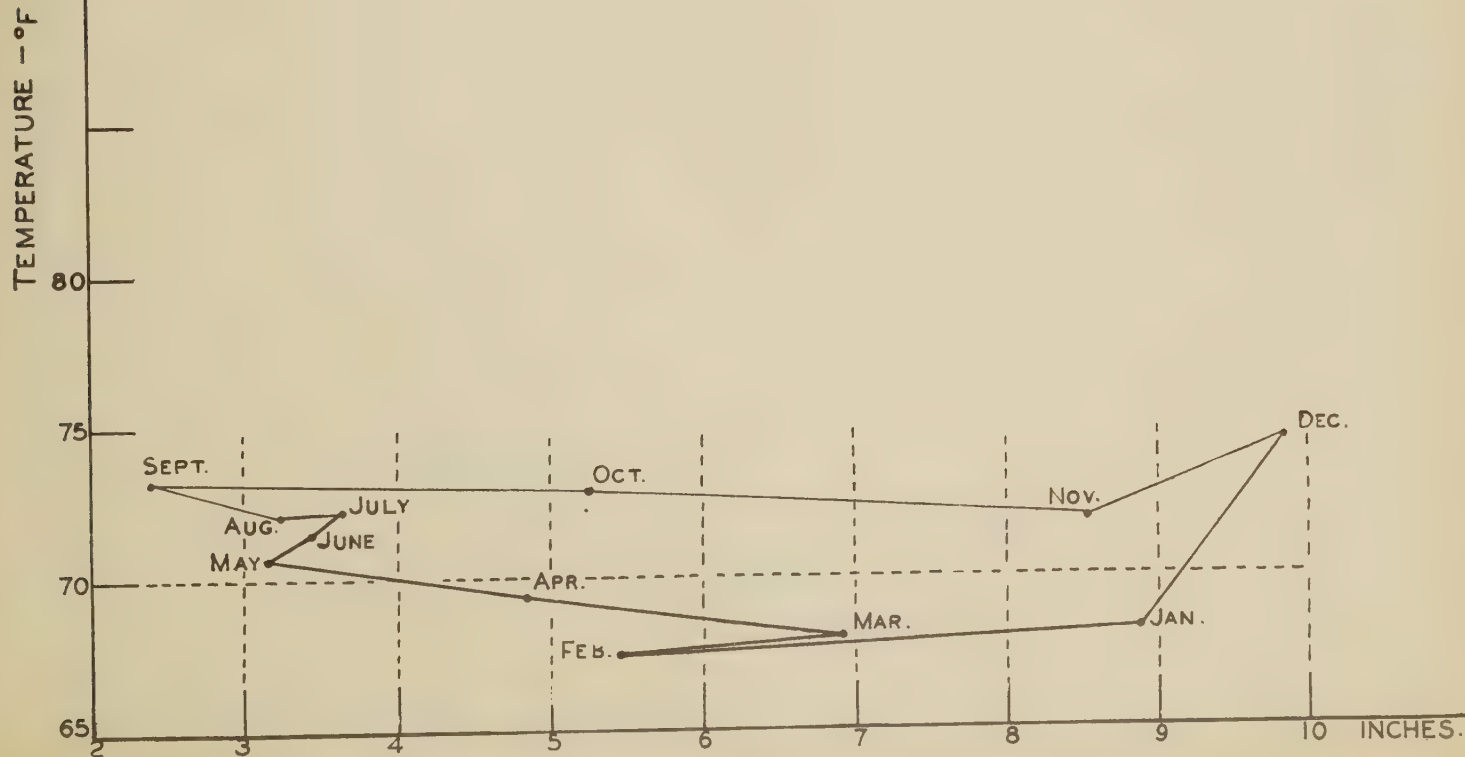
MEAN TEMPERATURE - 3 YRS.

MEAN PRECIPITATION - 3 YRS.

PREPARED BY E.B. FITZGERALD - 1929

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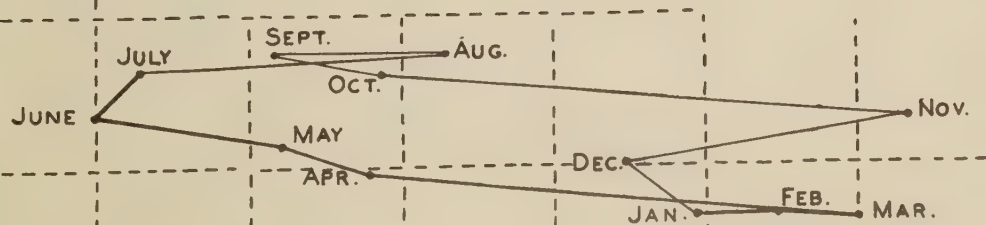
(DATA FROM WEATHER BUREAU)



HYTHERGRAPH OF
 PAHALA, nearest to HILEA, (ALT. 320 FT.) S. HAWAII
 ALT. 850 FT.
 MEAN TEMPERATURE - 14 YRS.
 MEAN PRECIPITATION - 26 YRS.
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TEMPERATURE - °F

80
75
70
65



INCHES - PPT.

HYTHERGRAPH OF WAILUKU, nearest to KAHULUI, HAWAIIAN IS. (81 FT.)

ALT. 125 FT.

MEAN TEMPERATURE - 13 YRS.

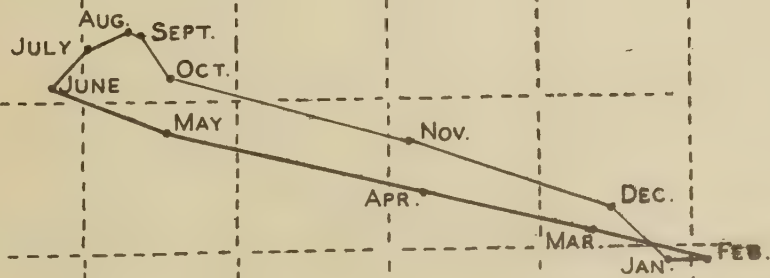
MEAN PRECIPITATION - 17 YRS.

PREPARED BY E. B. FITZGERALD - 1929

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(DATA FROM WEATHER BUREAU)

TEMPERATURE - °F

80
75
70
65

INCHES - PPT.

HYTHERGRAPH OF
CATANIA, SICILY, ITALY

ALT. 213 FT.

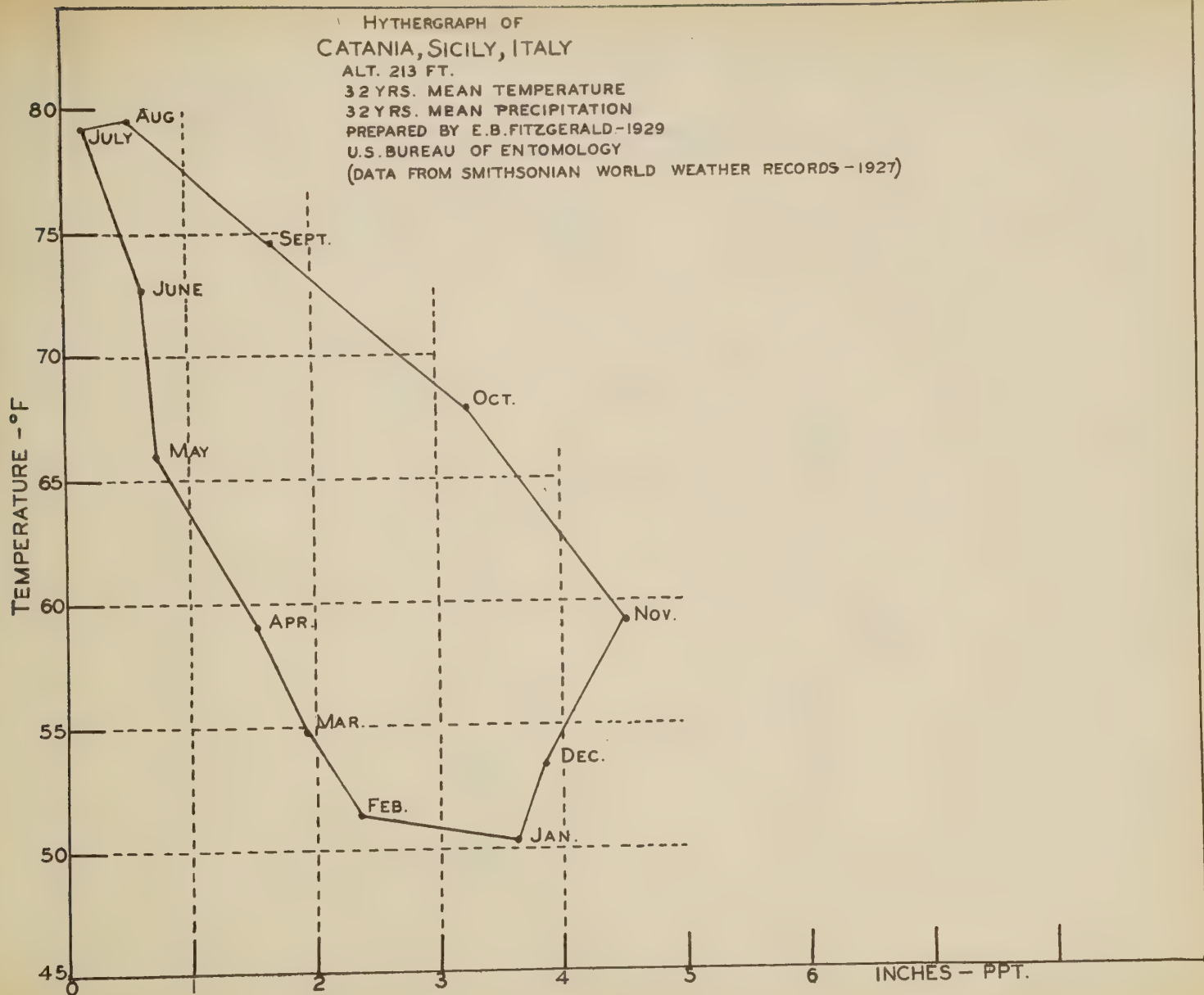
32 YRS. MEAN TEMPERATURE

32 YRS. MEAN PRECIPITATION

PREPARED BY E.B. FITZGERALD-1929

U.S. BUREAU OF ENTOMOLOGY

(DATA FROM SMITHSONIAN WORLD WEATHER RECORDS - 1927)



HYTHERGRAPH OF GENOA-(LIGURIA)-ITALY. (Italian Riviera)

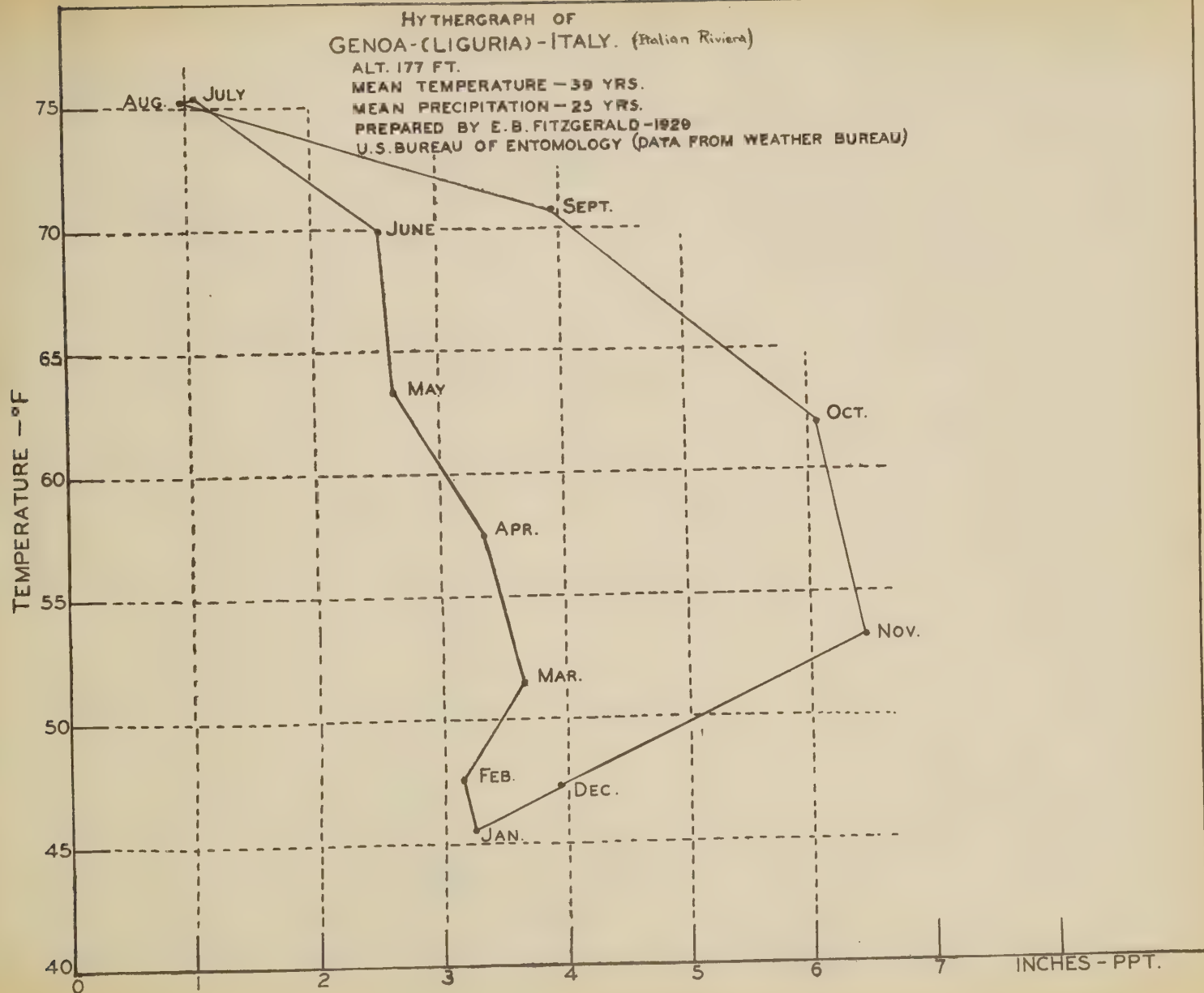
ALT. 177 FT.

MEAN TEMPERATURE - 39 YRS.

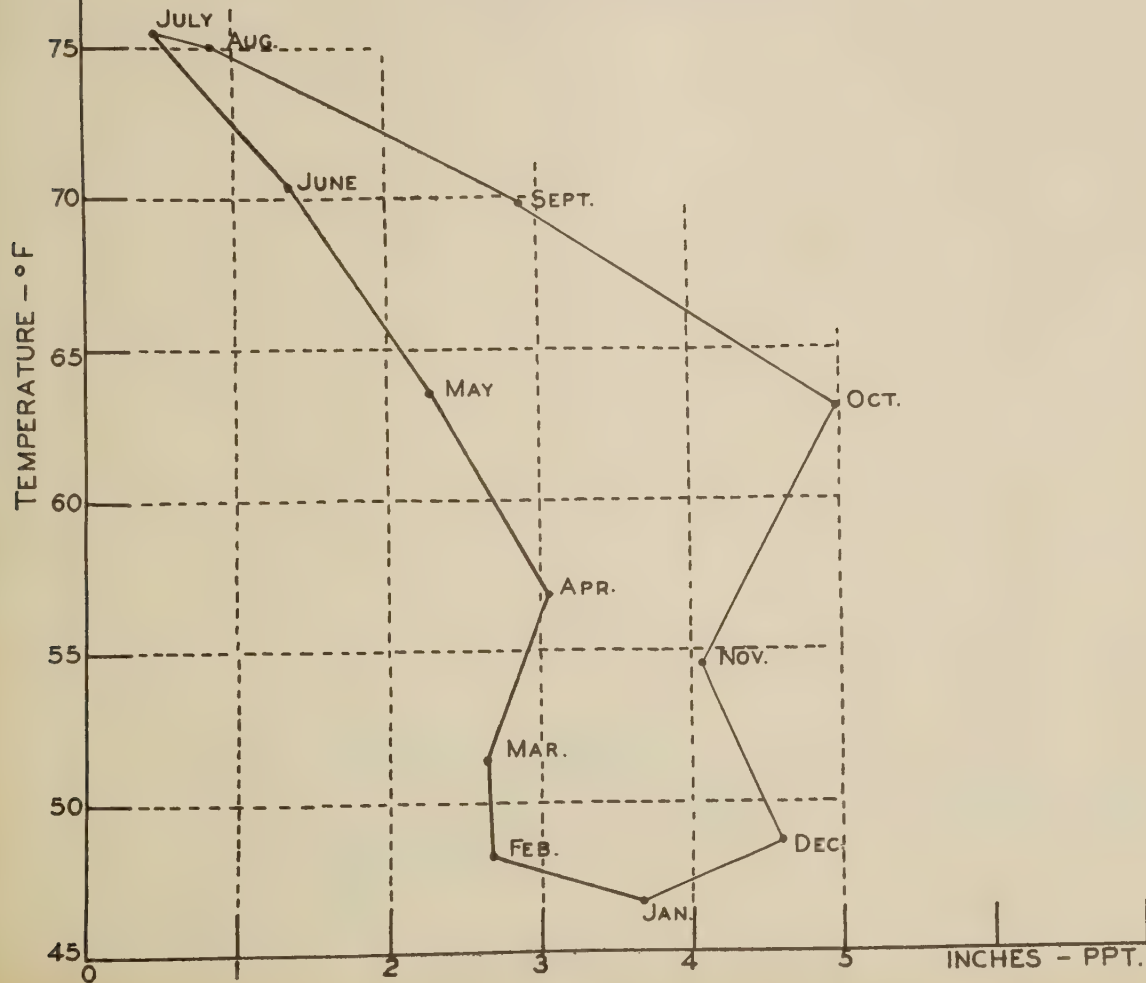
MEAN PRECIPITATION - 25 YRS.

PREPARED BY E. B. FITZGERALD - 1929

U.S. BUREAU OF ENTOMOLOGY (DATA FROM WEATHER BUREAU)

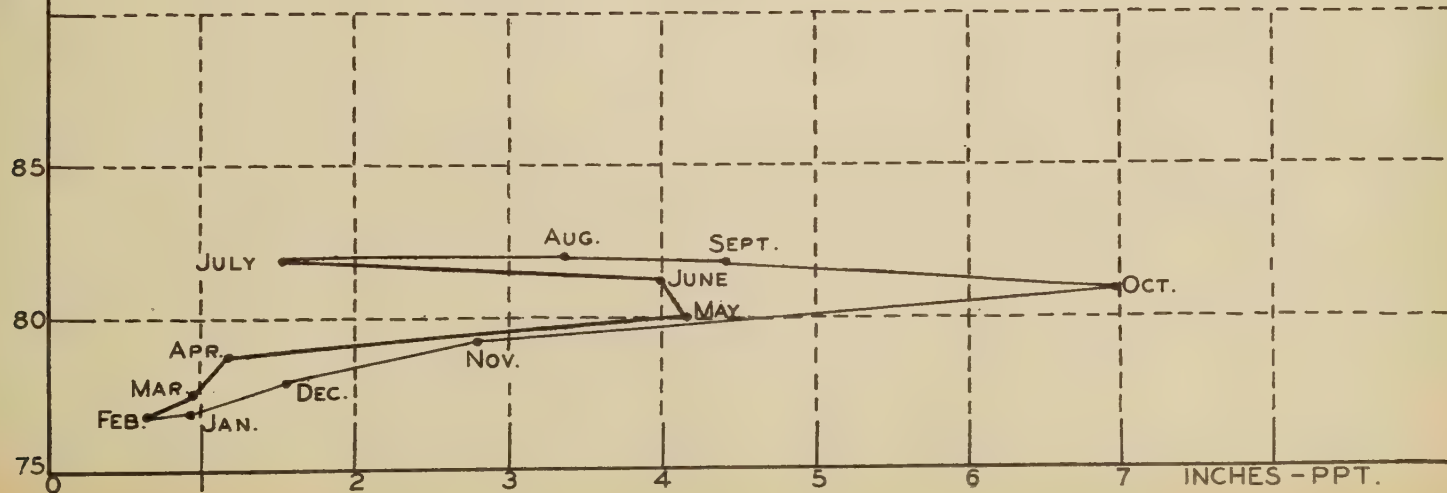


HYTHERGRAPH OF
 NAPLES ^{near} PORTICI, ITALY
 ALT. 492 FT.
 MEAN TEMPERATURE - 50 YRS.
 MEAN PRECIPITATION - 25 YRS.
 PREPARED BY E.B. FITZGERALD - 1929
 U.S. BUREAU OF ENTOMOLOGY
 (DATA FROM WEATHER BUREAU)



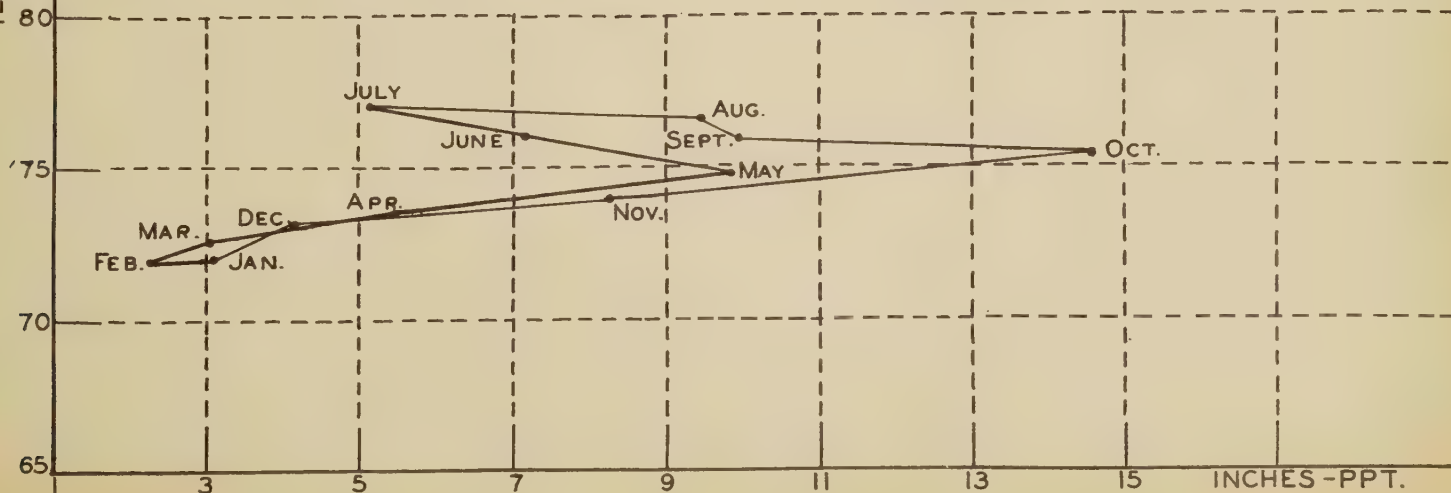
HYTHERGRAPH OF
KINGSTON, JAMAICA
ALT. LESS THAN 500 FT. - (SEA LEVEL)
MEAN TEMPERATURE - 16 YRS.
MEAN PRECIPITATION - 53 YRS.
PREPARED BY E. B. FITZGERALD - 1929
U.S. BUREAU OF ENTOMOLOGY
(DATA FROM WEATHER BUREAU)

TEMPERATURE - °F



HYTHERGRAPH OF
 STONY HILL, JAMAICA
 ALTITUDE -1400 FT.
 MEAN TEMPERATURE -16 YRS.
 MEAN PRECIPITATION -16 YRS.
 PREPARED BY E.B.FITZGERALD -1929
 U.S.BUREAU OF ENTOMOLOGY
 (DATA FROM WEATHER BUREAU)

TEMPERATURE -°F



HYTHERGRAPH OF ANTANANARIVO, MADAGASCAR IS.

ALT. 4599 FT.

MEAN TEMPERATURE - 34 YRS.

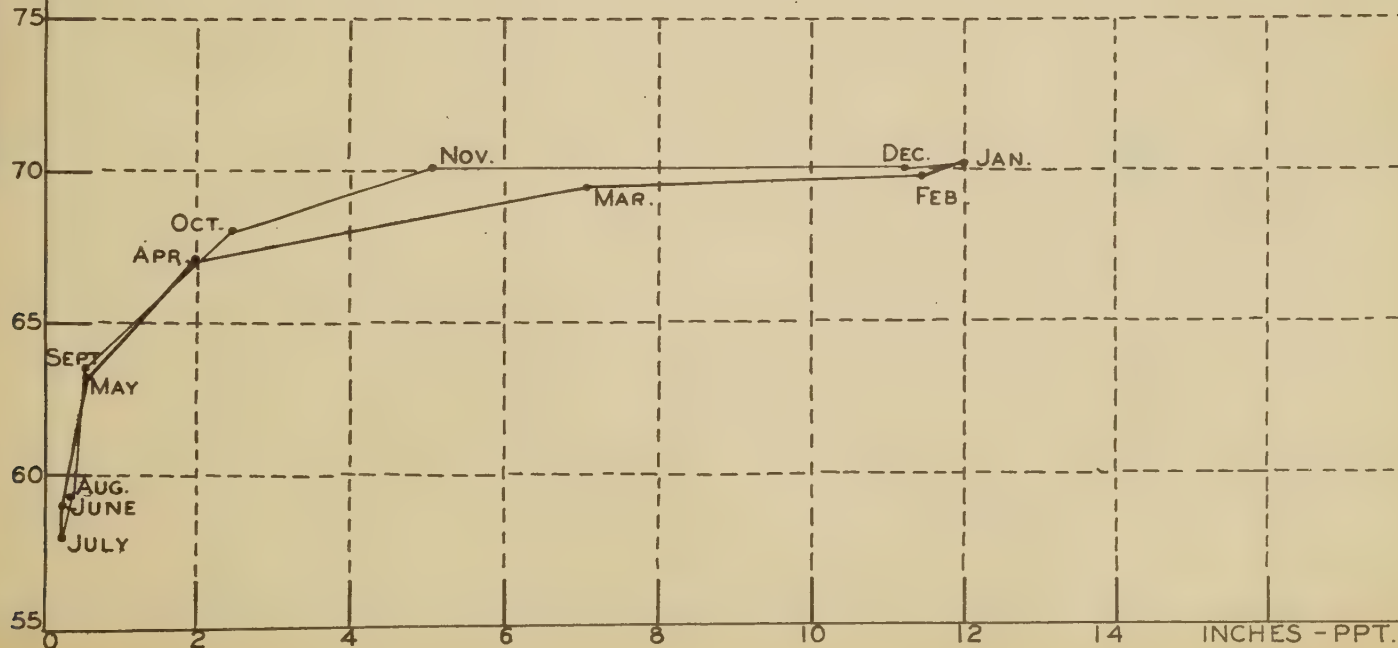
MEAN PRECIPITATION - 33 YRS.

PREPARED BY E.B. FITZGERALD - 1929

U.S. BUREAU OF ENTOMOLOGY

(DATA FROM SMITHSONIAN WORLD WEATHER RECORDS - 1927)

TEMPERATURE - °F



HYTHERGRAPH OF TAMATAVE, MADAGASCAR

ALT. 16 FT.

MEAN TEMPERATURE - 6 YRS.

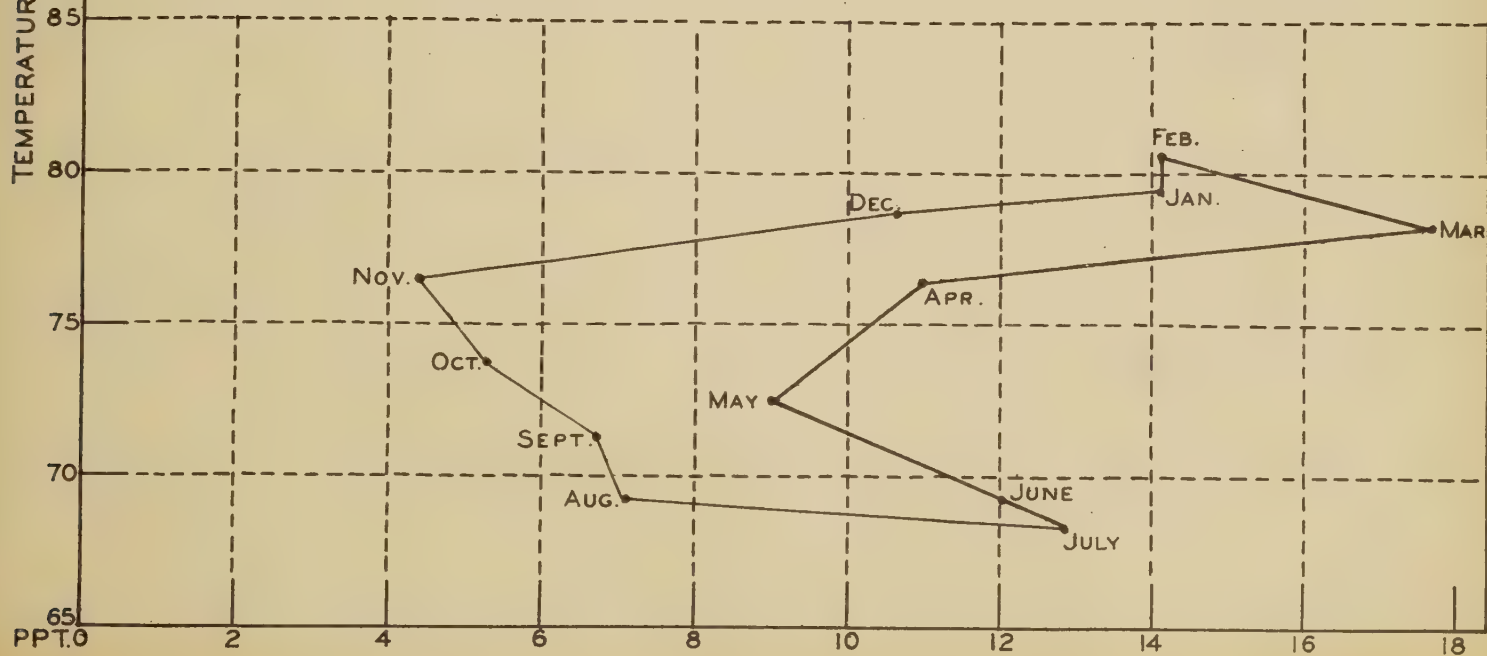
MEAN PRECIPITATION - 14 YRS.

PREPARED BY E. B. FITZGERALD - 1929

U.S. BUREAU OF ENTOMOLOGY

(DATA FROM WEATHER BUREAU)

TEMPERATURE - °F



HYTHERGRAPH OF
TANANARIVE, MADAGASCAR

ALT. 4593 FT.

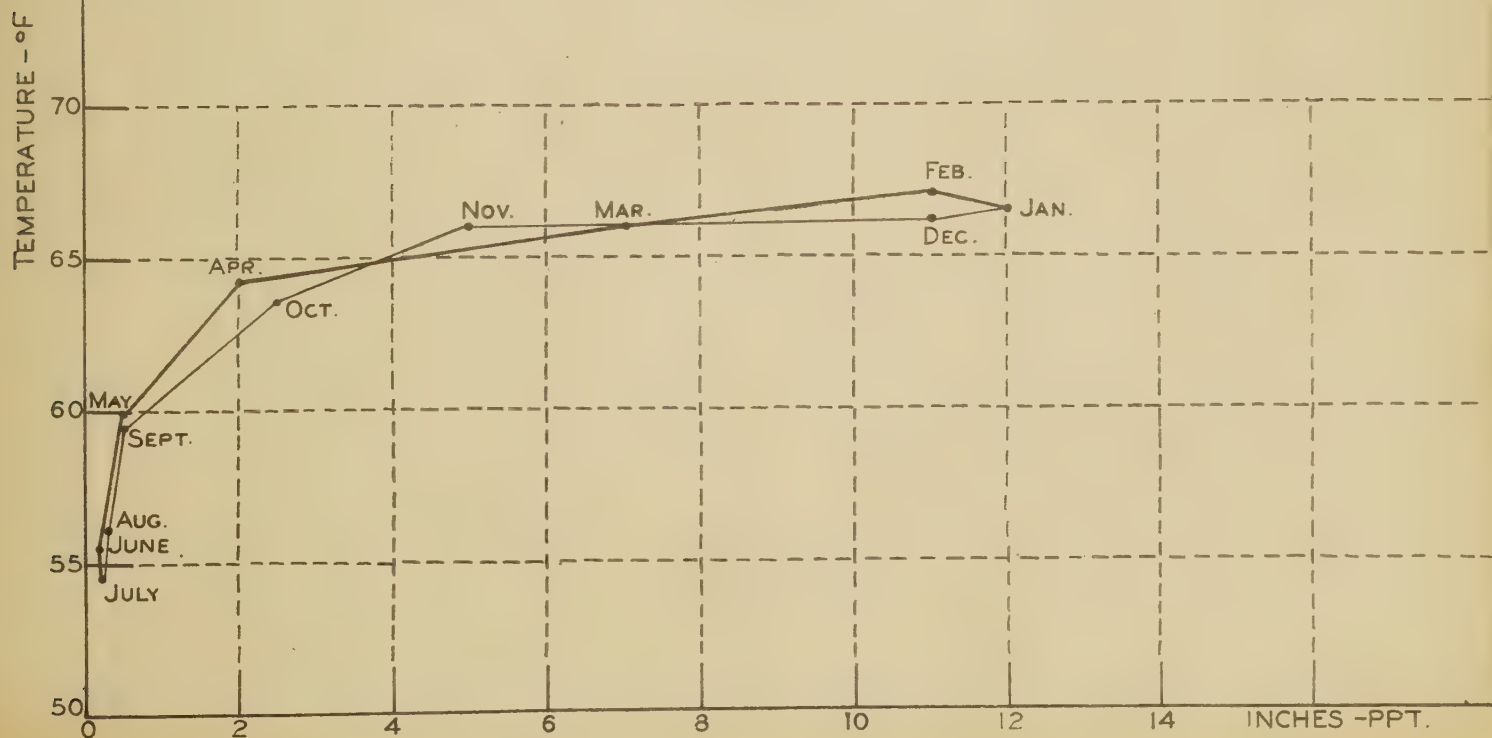
MEAN TEMPERATURE - 9 YRS.

MEAN PRECIPITATION - 34 YRS.

PREPARED BY E.B. FITZGERALD - 1929

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(DATA FROM WEATHER BUREAU)



HYTHERGRAPH OF FUNCHAL, MADEIRA

ALT. 82 FT.

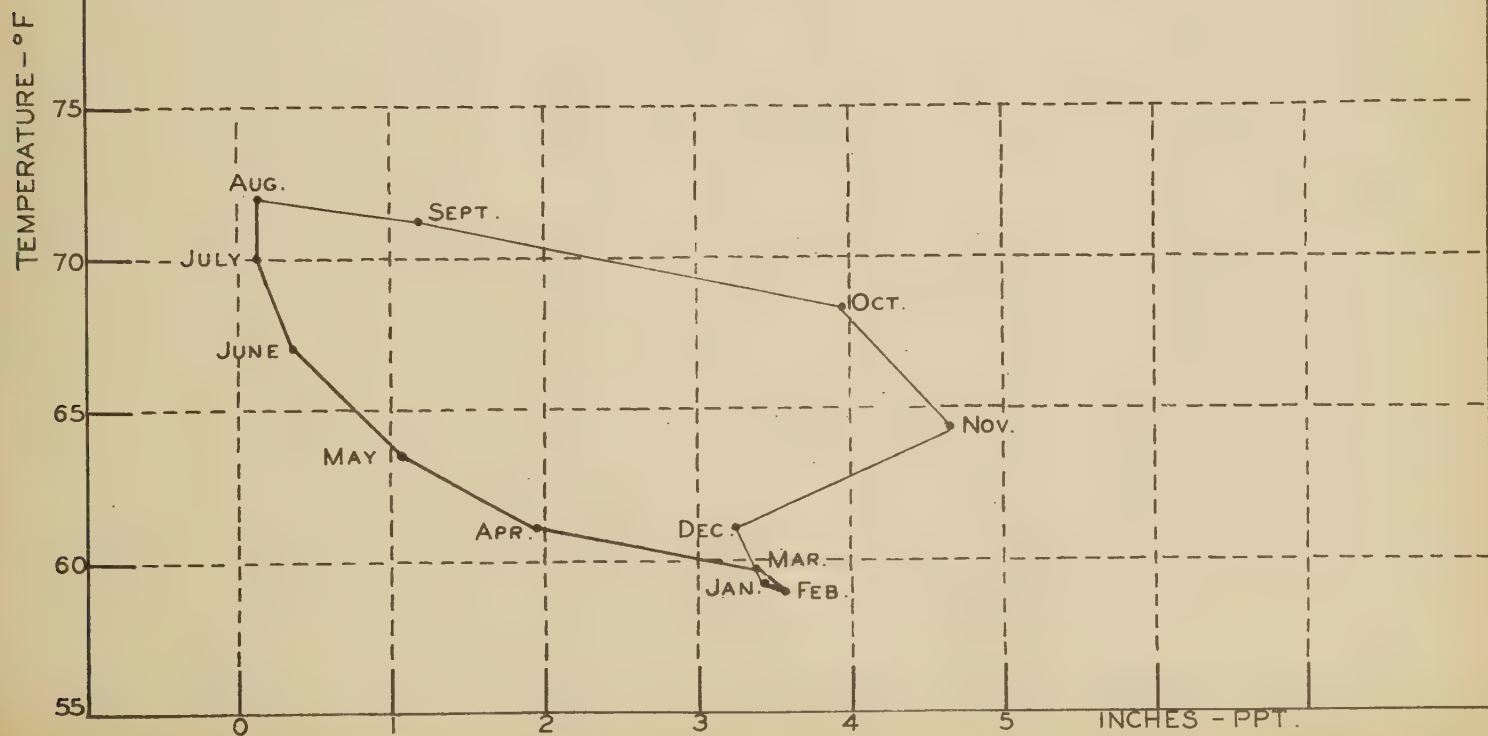
MEAN TEMPERATURE-40 YRS.

MEAN PRECIPITATION-40 YRS.

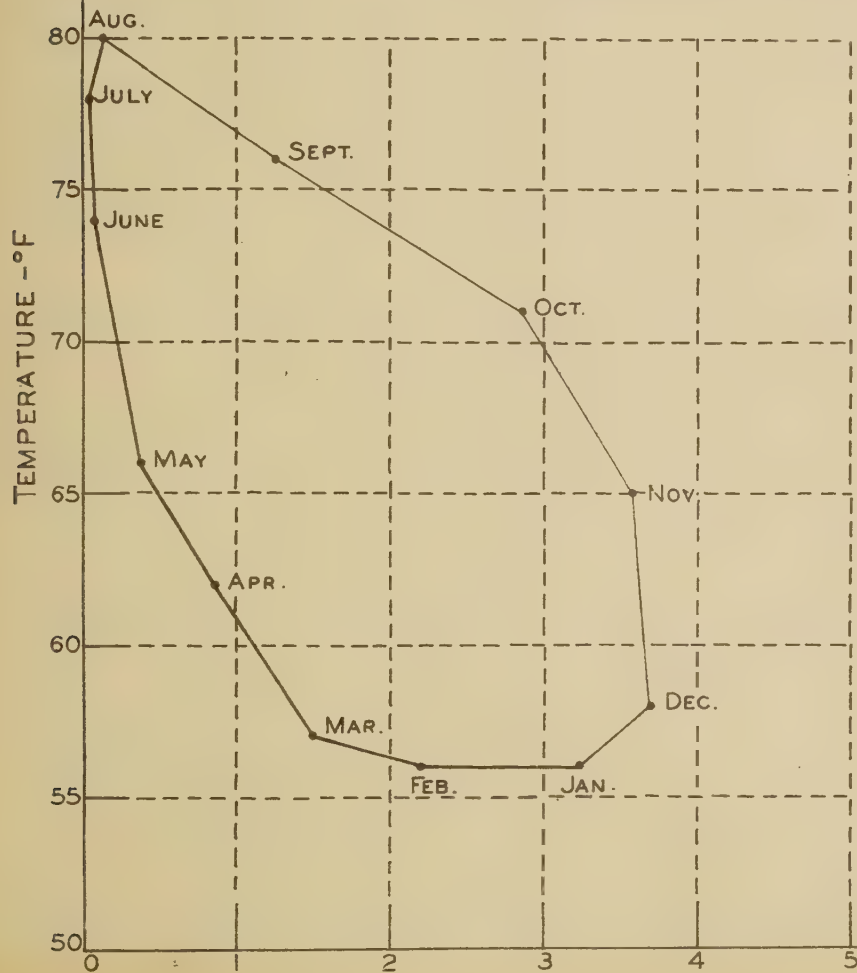
PREPARED BY E.B.FITZGERALD-1929

U.S. BUREAU OF ENTOMOLOGY

(DATA FROM SMITHSONIAN WORLD WEATHER RECORDS -1927)



HYTHERGRAPH OF
MALTA IS.,
ALT. 70 FT.
MEAN TEMPERATURE - 30 YRS.
MEAN PRECIPITATION - 64 YRS.
PREPARED BY E.B. FITZGERALD - 1929
U.S. BUREAU OF ENTOMOLOGY
(DATA FROM WEATHER BUREAU)



INCHES - PPT.

HYTHERGRAPH OF MAURITIUS IS

ALT. 180 FT.

MEAN TEMPERATURE - 25 YRS.

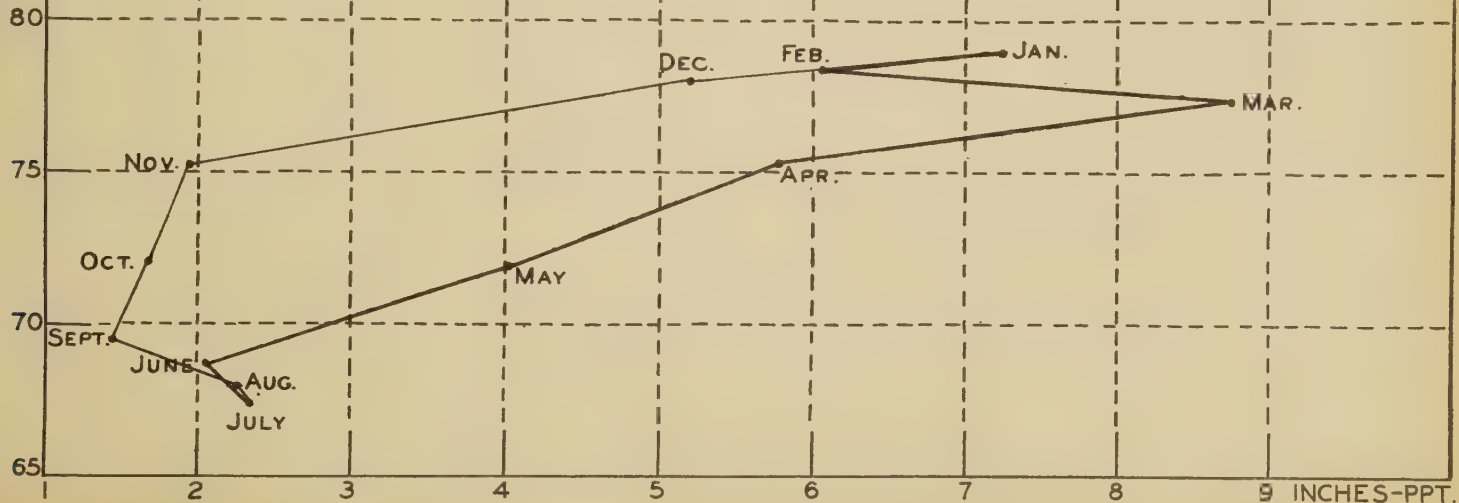
MEAN PRECIPITATION - 21 YRS.

PREPARED BY E.B. FITZGERALD - 1929

U.S. BUREAU OF ENTOMOLOGY

(DATA FROM WEATHER BUREAU)

TEMPERATURE - °F



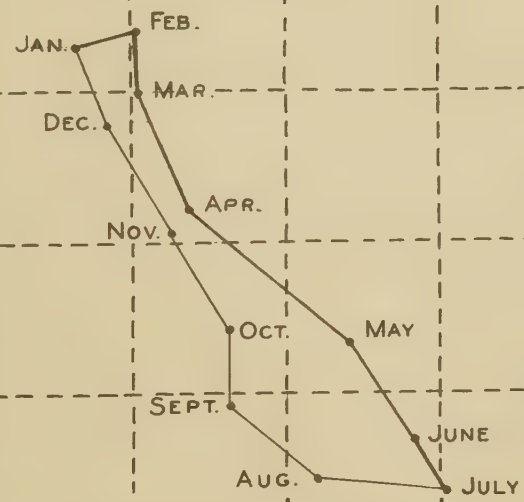
HYTHERGRAPH OF AUCKLAND, NORTH NEW ZEALAND

ALTITUDE -125 FT.
MEAN TEMPERATURE -59 YRS.
MEAN PRECIPITATION -70 YRS.
PREPARED BY E.B. FITZGERALD -1929
U.S. BUREAU OF ENTOMOLOGY
(DATA FROM SMITHSONIAN WORLD WEATHER RECORDS -1927)

TEMPERATURE -°F

70
65
60
55
50

INCHES - PPT.



HYTHERGRAPH OF
WELLINGTON, NEW ZEALAND

ALTITUDE -10 FT.

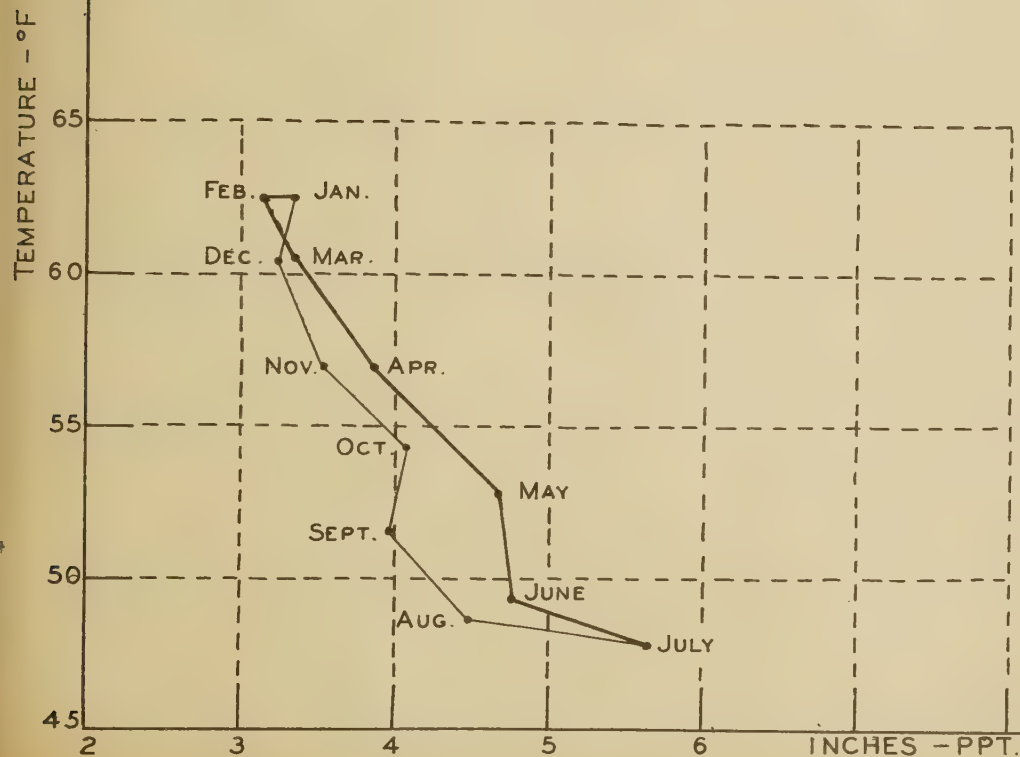
MEAN TEMPERATURE -59 YRS.

MEAN PRECIPITATION-61 YRS.

PREPARED BY E.B. FITZGERALD-1929

U.S. BUREAU OF ENTOMOLOGY

(DATA FROM SMITHSONIAN WORLD WEATHER RECORDS -1927)



HYTHERGRAPH OF JERUSALEM, PALESTINE

ALT. 2460 FT.

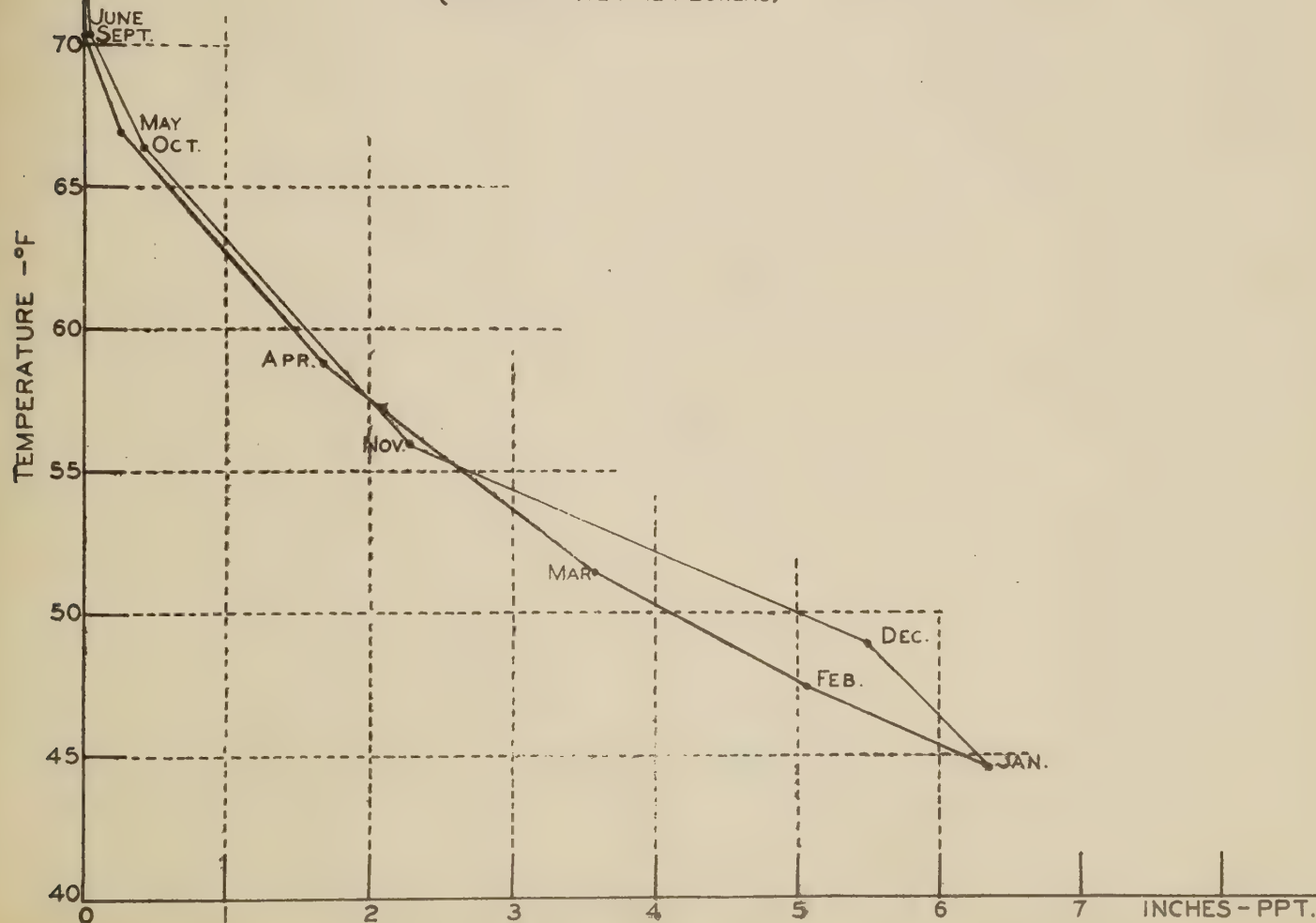
MEAN TEMPERATURE - 14 YRS.

MEAN PRECIPITATION - 54 YRS.

PREPARED BY E.B. FITZGERALD - 1929

U.S. BUREAU OF ENTOMOLOGY

(DATA FROM WEATHER BUREAU)



HYTHERGRAPH OF LISBON, PORTUGAL

ALT. 311 FT.

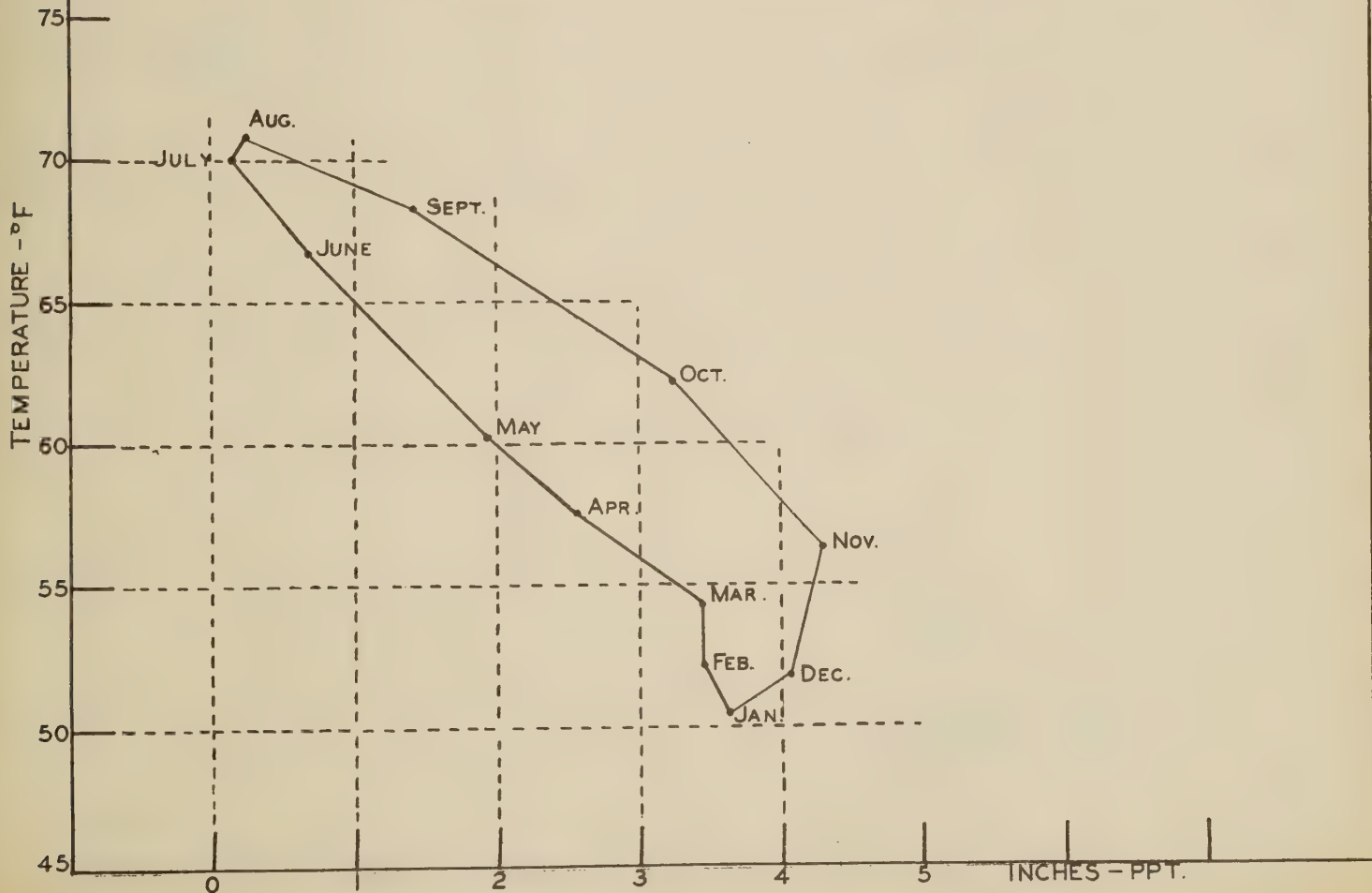
MEAN TEMPERATURE—56 YRS.

MEAN PRECIPITATION—56 YRS.

PREPARED BY E. B. FITZGERALD—1929

U.S. BUREAU OF ENTOMOLOGY

(DATA FROM SMITHSONIAN WORLD WEATHER RECORDS—1927)



HYTHERGRAPH OF
MONTALEGRE, PORTUGAL

ALT. BETWEEN 1000 - 2000 FT.

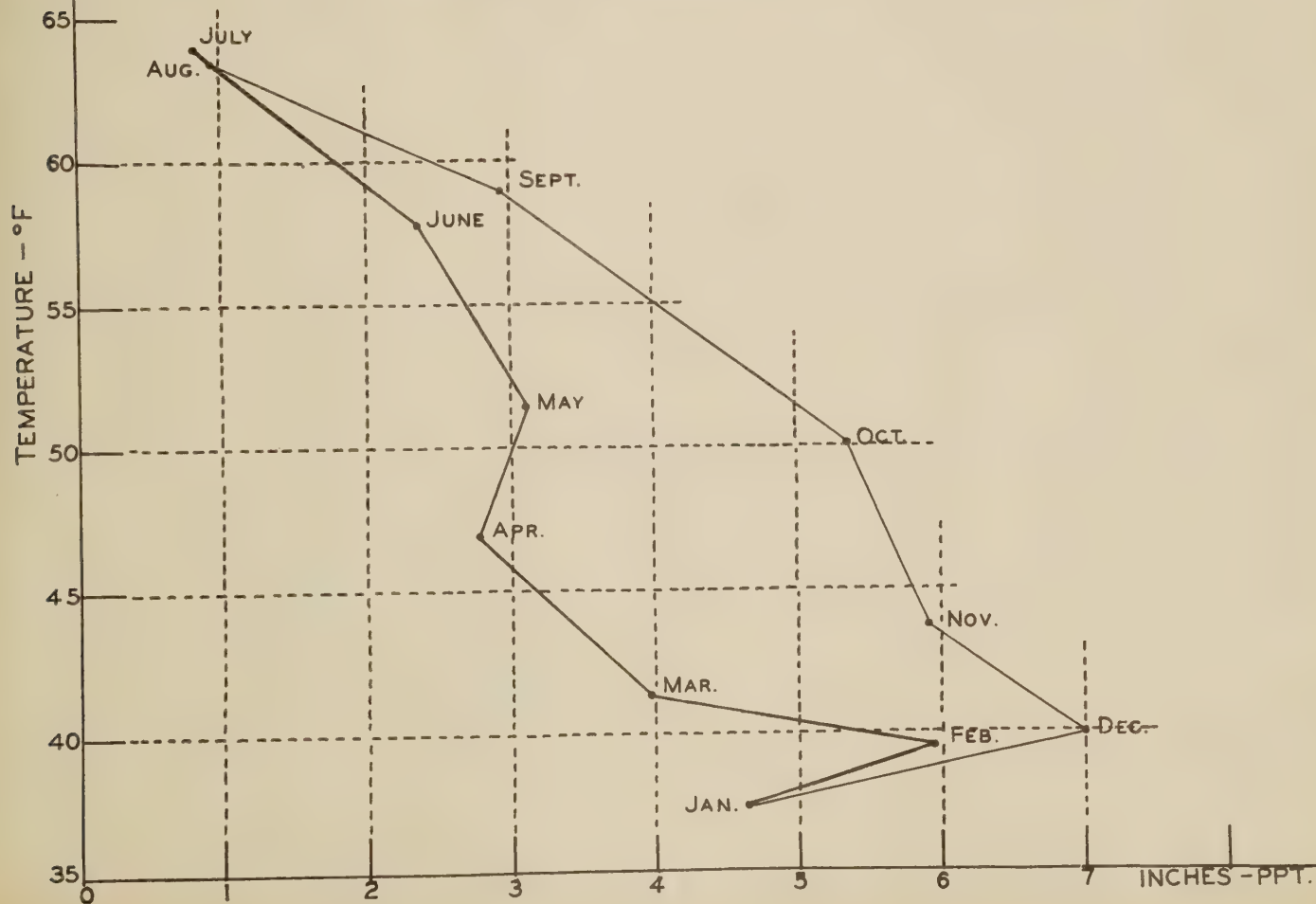
MEAN TEMPERATURE - 29 YRS.

MEAN PRECIPITATION - 20 YRS.

PREPARED BY E. B. FITZGERALD - 1929

U.S. BUREAU OF ENTOMOLOGY

(DATA FROM WEATHER BUREAU)



HYTHERGRAPH OF
ST. HELENA IS.

ALT. 1980 FT.

MEAN TEMPERATURE -28 YRS.

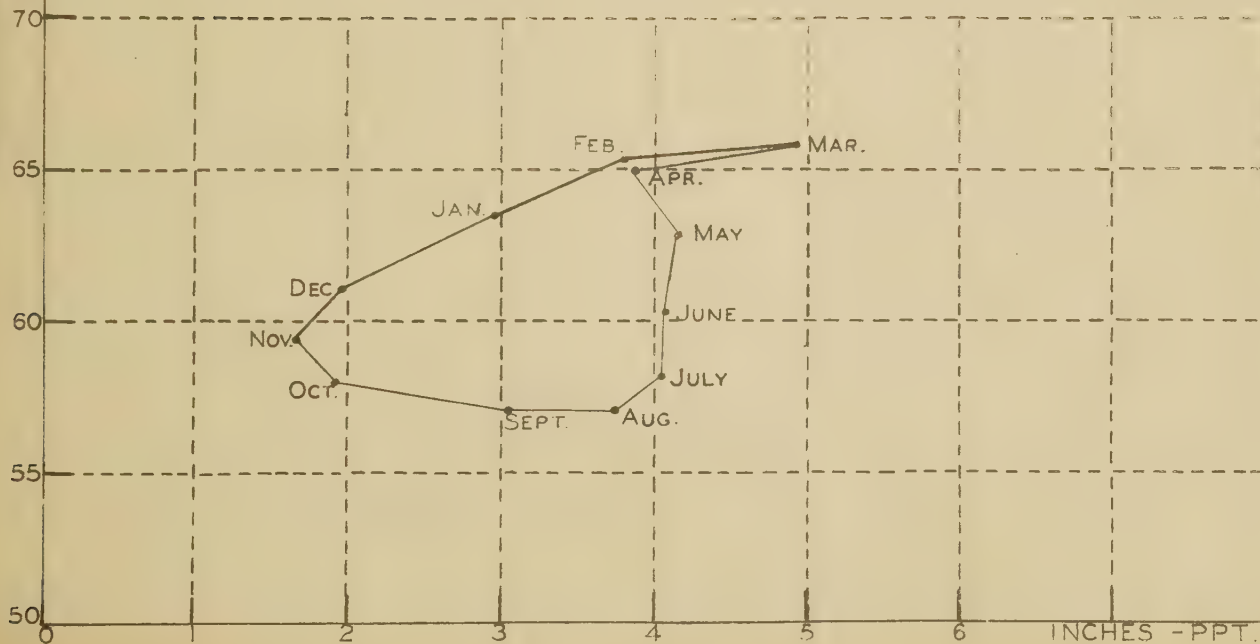
MEAN PRECIPITATION -28 YRS.

PREPARED BY E.B. FITZGERALD -1929

U.S. BUREAU OF ENTOMOLOGY

(DATA FROM SMITHSONIAN WORLD WEATHER BUREAU -1927)

TEMPERATURE - °F



HYTHERGRAPH OF PORT VICTORIA, SEYCHELLES.

MEAN TEMPERATURE-26 YRS.

MEAN PRECIPITATION-29 YRS.

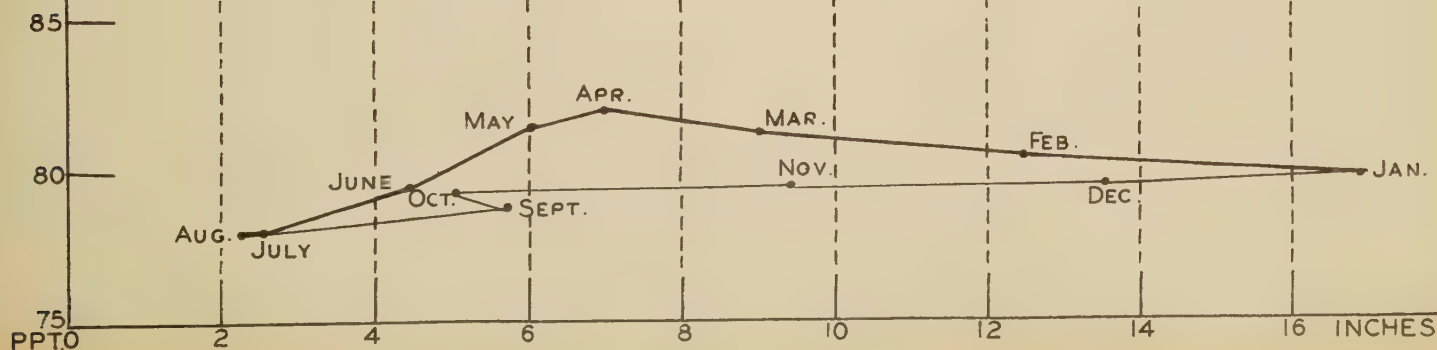
(ON COAST) ALT. LESS THAN 500 FT.

PREPARED BY E. B. FITZGERALD-1929

U. S. BUREAU OF ENTOMOLOGY

(DATA FROM SMITHSONIAN WORLD WEATHER RECORDS -1927)

TEMPERATURE - °F



HYTHERGRAPH OF ADELAIDE S. AUSTRALIA

ALTITUDE -140 FT.

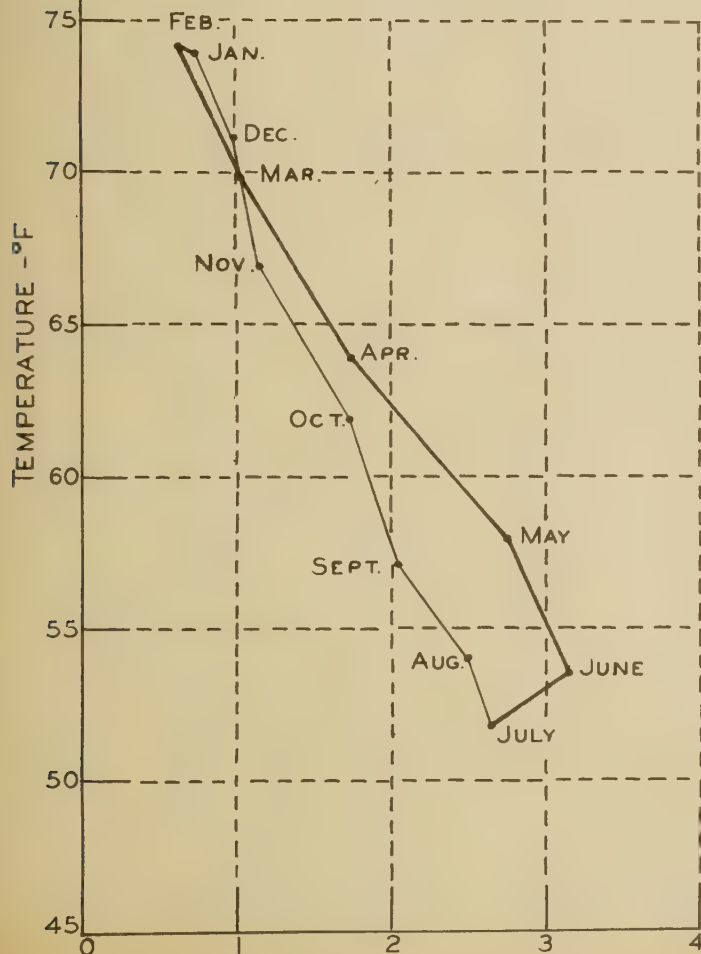
MEAN TEMPERATURE -68 YRS.

MEAN PRECIPITATION -85 YRS.

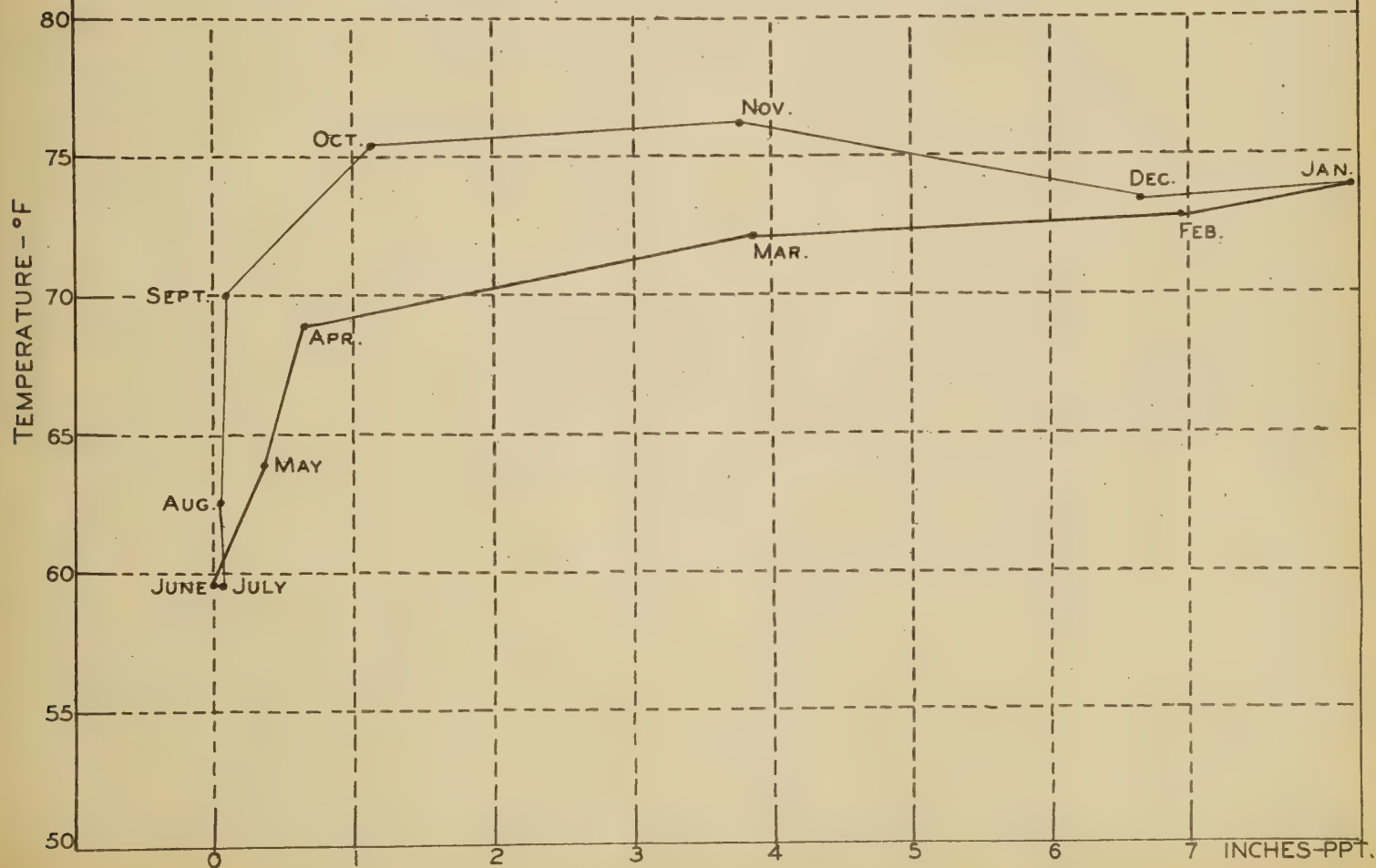
PREPARED BY E.B.FITZGERALD-1929

U.S. BUREAU OF ENTOMOLOGY

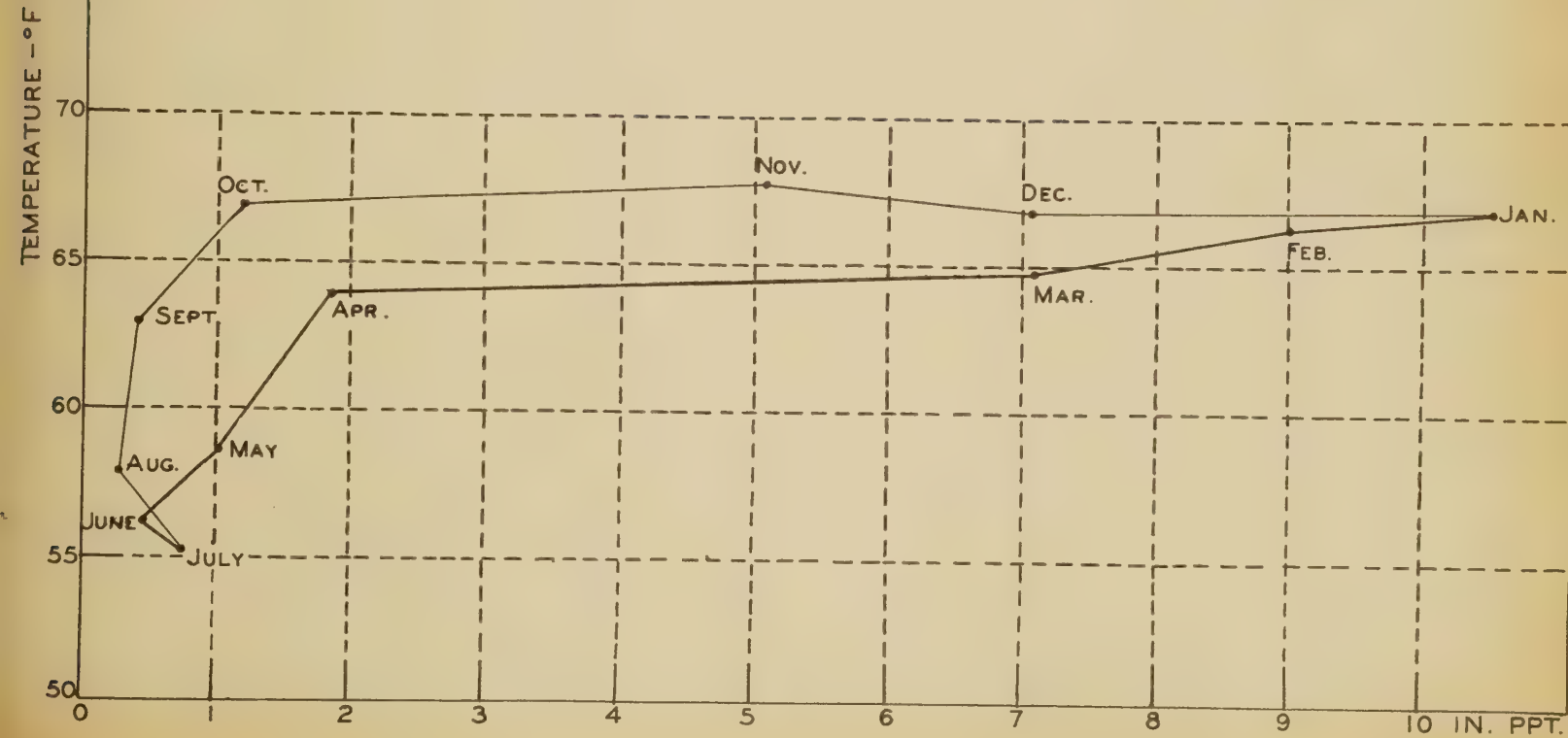
(DATA FROM SMITHSONIAN WORLD WEATHER RECORDS -1927)



HYTHERGRAPH OF
 HARTLEY (near LOMOGUNDI), S. RHODESIA
 ALT. 3900 FT.
 MEAN TEMPERATURE—11 YRS.
 MEAN PRECIPITATION—20 YRS.
 PREPARED BY E.B. FITZGERALD—1933
 U.S. BUREAU OF ENTOMOLOGY
 (DATA FROM WEATHER BUREAU)



HYTHERGRAPH OF
 MELSETTER, S. RHODESIA
 ALT. 4990 FT.
 MEAN TEMPERATURE - 16 YRS.
 MEAN PRECIPITATION - 25 YRS.
 PREPARED BY E.B. FITZGERALD - 1933
 U.S. BUREAU OF ENTOMOLOGY
 (DATA FROM WEATHER BUREAU)



HYTHERGRAPH OF UMTALI, S. RHODESIA

ALT. 3670 FT.

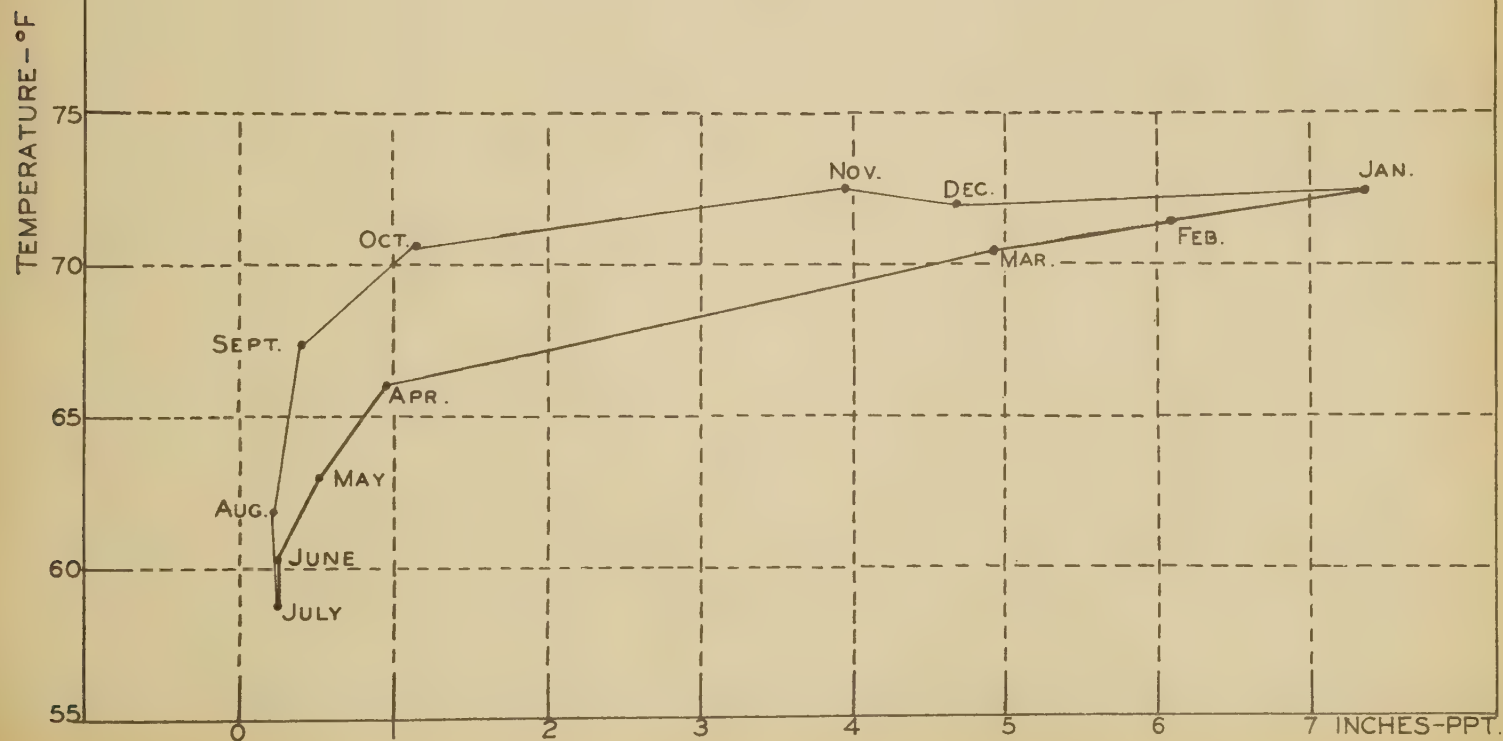
MEAN TEMPERATURE-8 YRS.

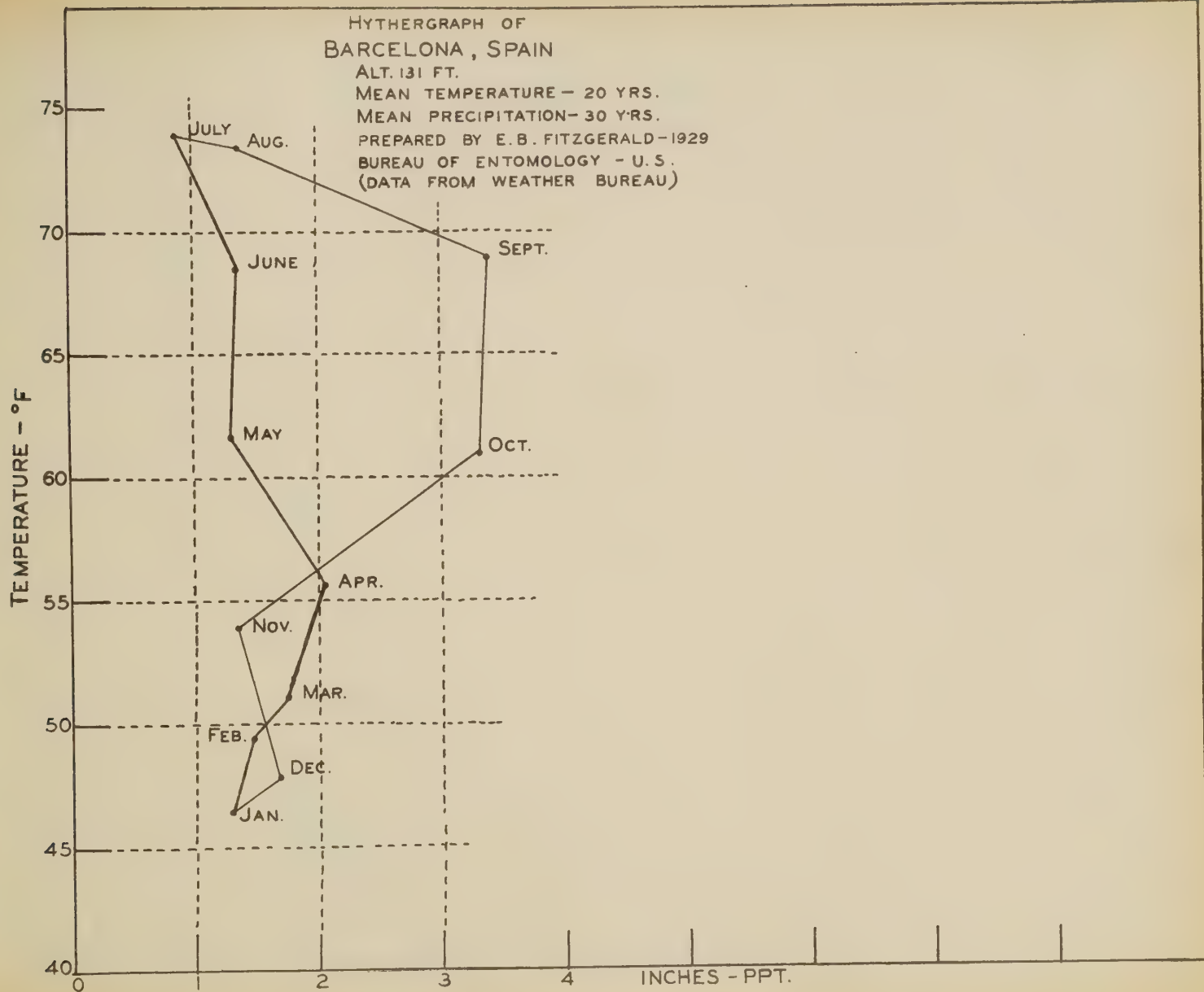
MEAN PRECIPITATION-23 YRS.

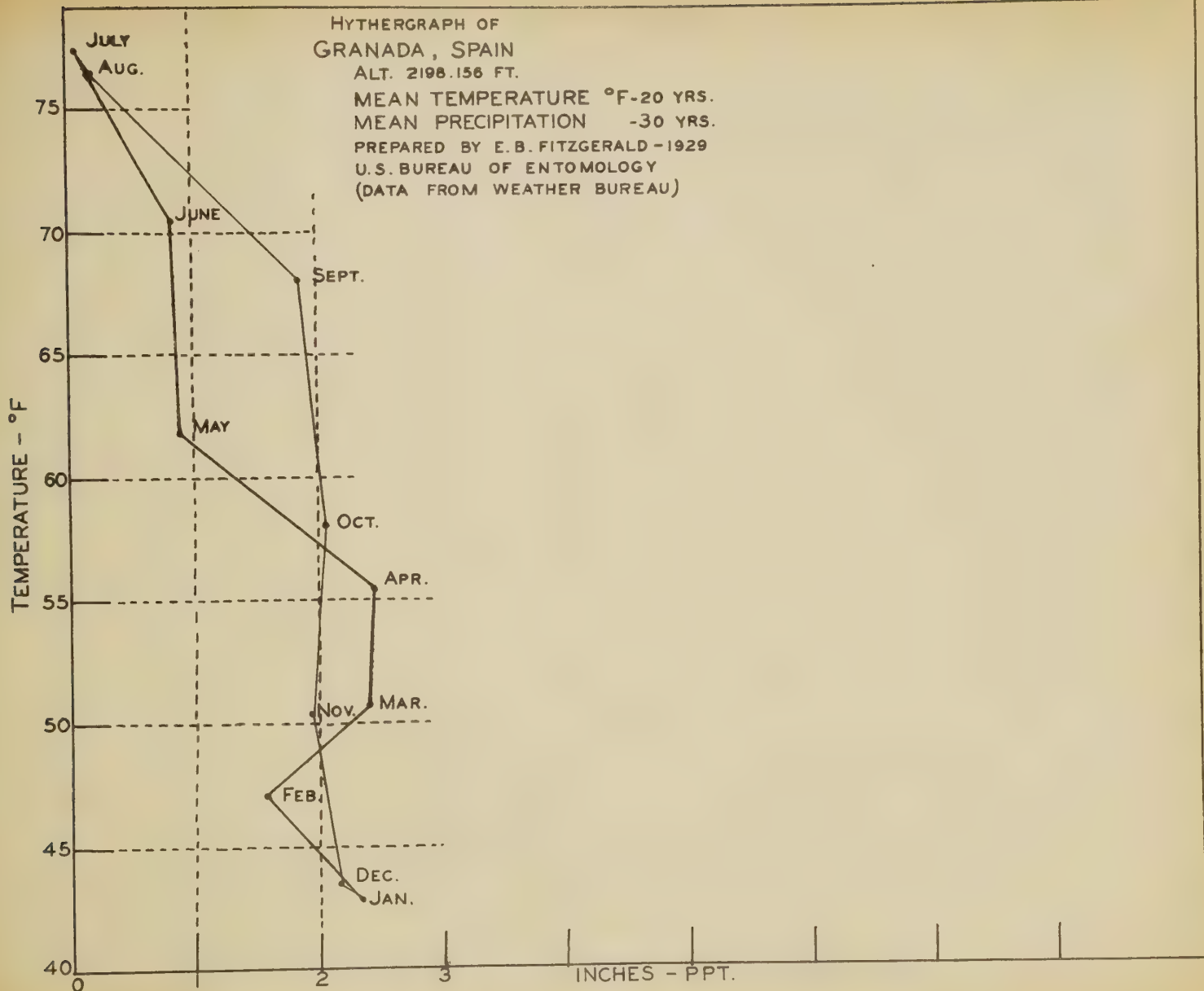
PREPARED BY E.B. FITZGERALD-1933

U.S. BUREAU OF ENTOMOLOGY

(DATA FROM WEATHER BUREAU)







HYTHERGRAPH OF MALAGA, SPAIN

ALT. 131 FT.

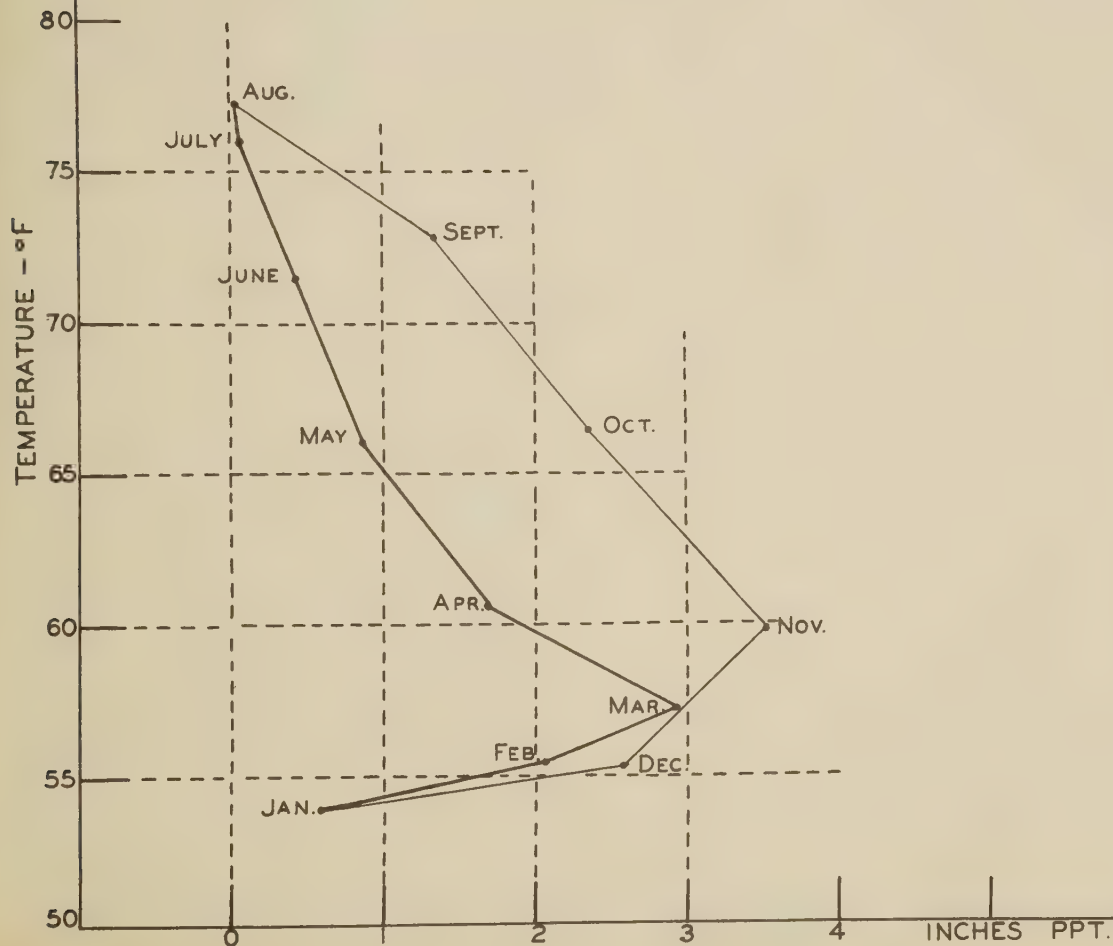
MEAN TEMPERATURE - 18 YRS.

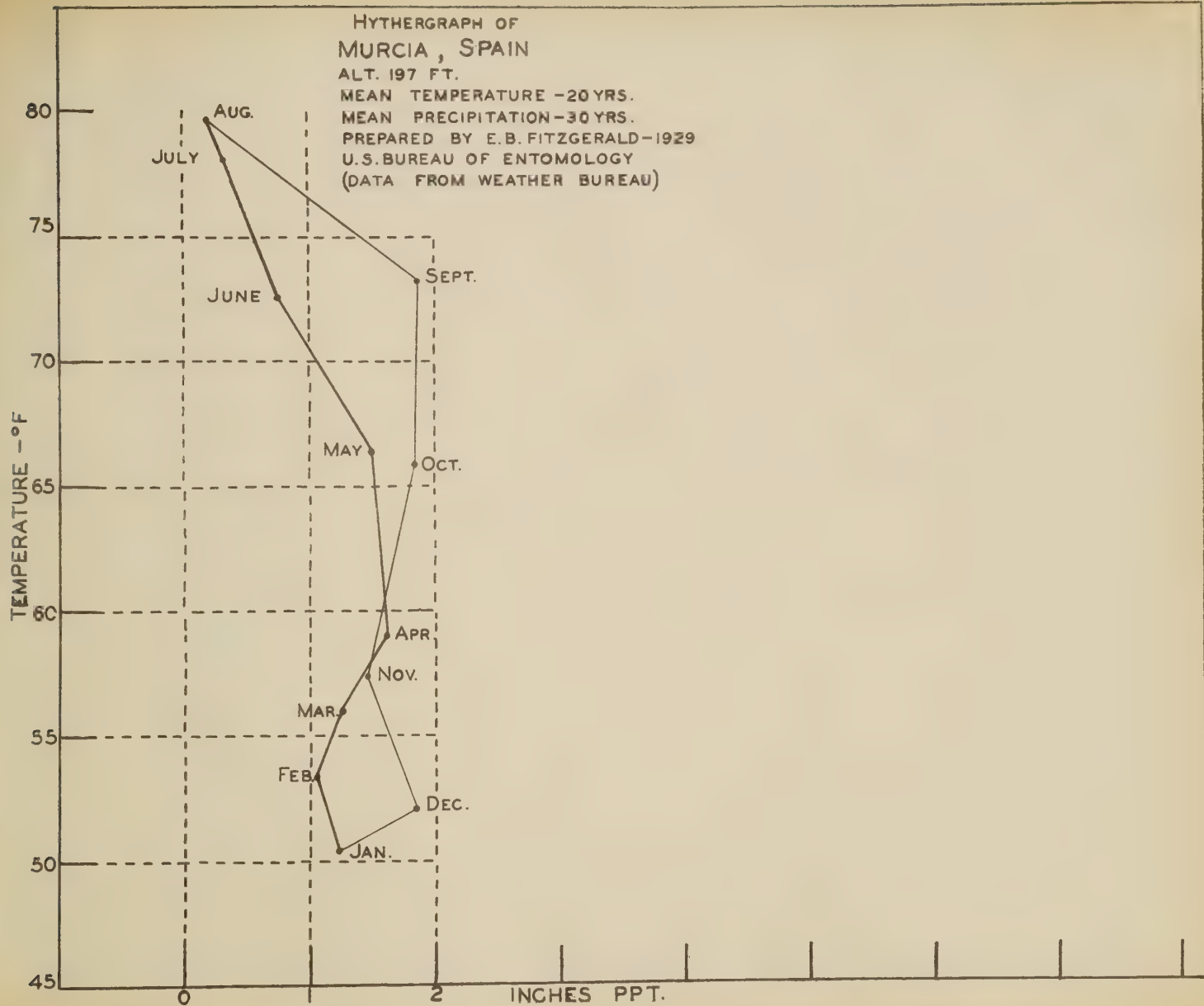
MEAN PRECIPITATION - 17 YRS.

PREPARED BY E.B. FITZGERALD - 1929

U.S. BUREAU OF ENTOMOLOGY

(DATA FROM WEATHER BUREAU)





HYTHERGRAPH OF SARAGOSSA, SPAIN

ALT. 672 FT.

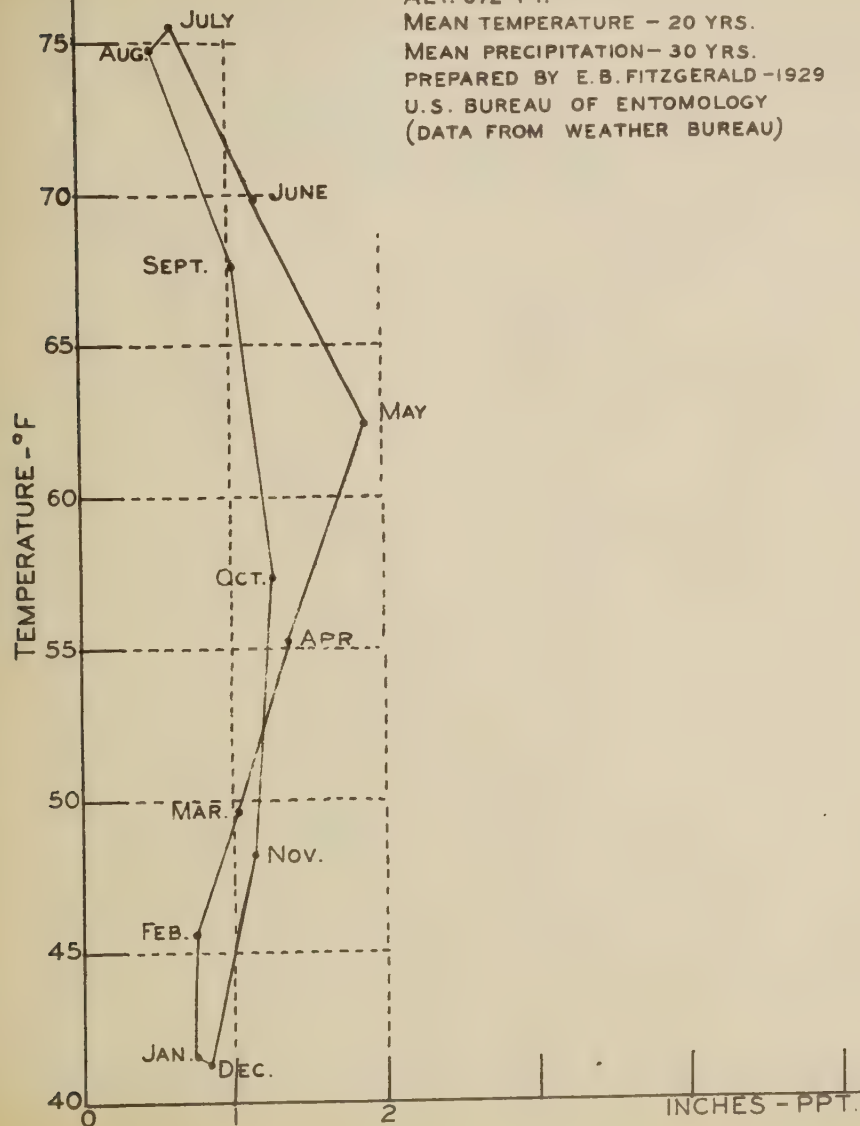
MEAN TEMPERATURE - 20 YRS.

MEAN PRECIPITATION - 30 YRS.

PREPARED BY E.B. FITZGERALD - 1929

U.S. BUREAU OF ENTOMOLOGY

(DATA FROM WEATHER BUREAU)



HYTHERGRAPH OF VALENCIA, SPAIN

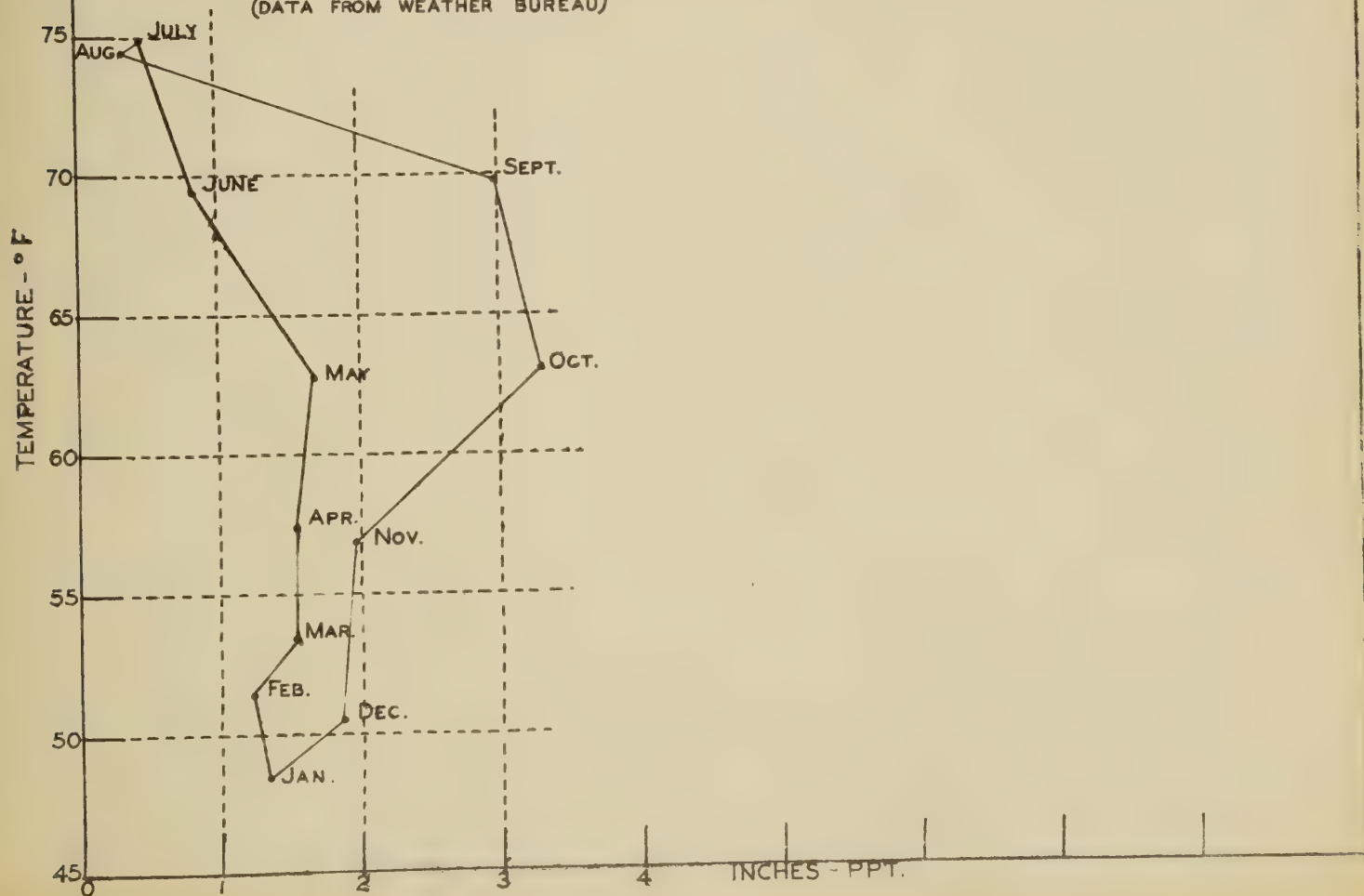
ALT. 59 FT.

MEAN TEMPERATURE - 19 YRS.

MEAN PRECIPITATION - 30 YRS.

PREPARED BY E. B. FITZGERALD - 1929

U.S. BUREAU OF ENTOMOLOGY
(DATA FROM WEATHER BUREAU)



HYTHERGRAPH OF TURKEY-ASIA BEIRUT, SYRIA { PALESTINE

ALT. LESS THAN 500 FT., ON COAST.

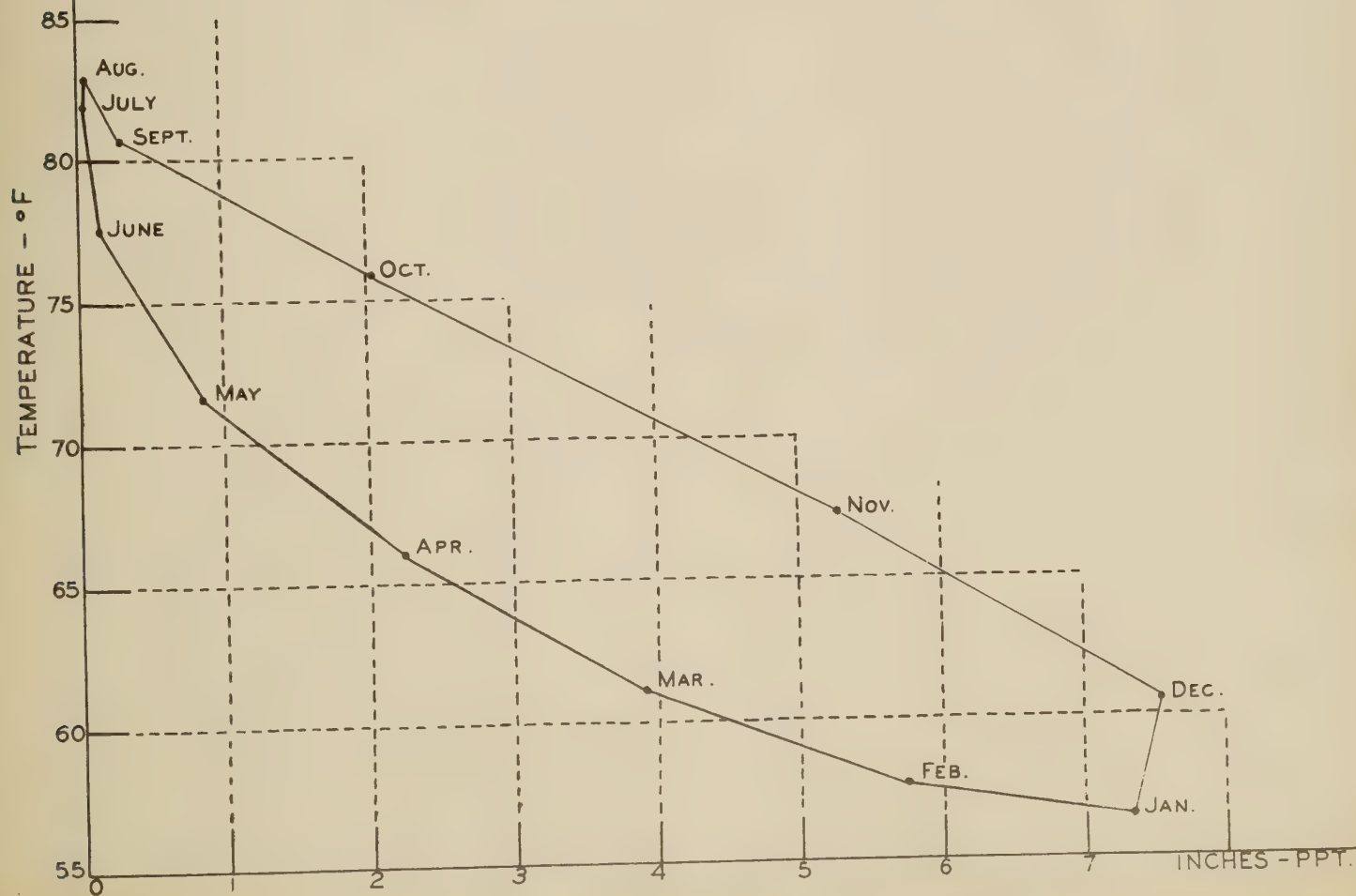
MEAN TEMPERATURE -45 YRS.

MEAN PRECIPITATION -45 YRS.

PREPARED BY E.B. FITZGERALD -1929

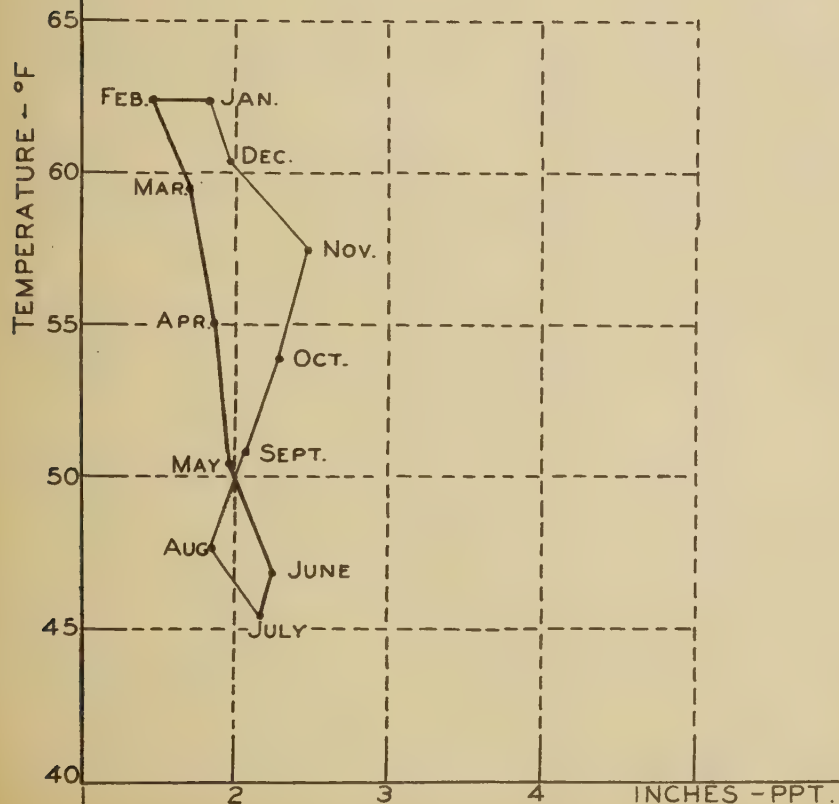
U.S. BUREAU OF ENTOMOLOGY

(DATA FROM SMITHSONIAN WORLD WEATHER RECORDS -1927)



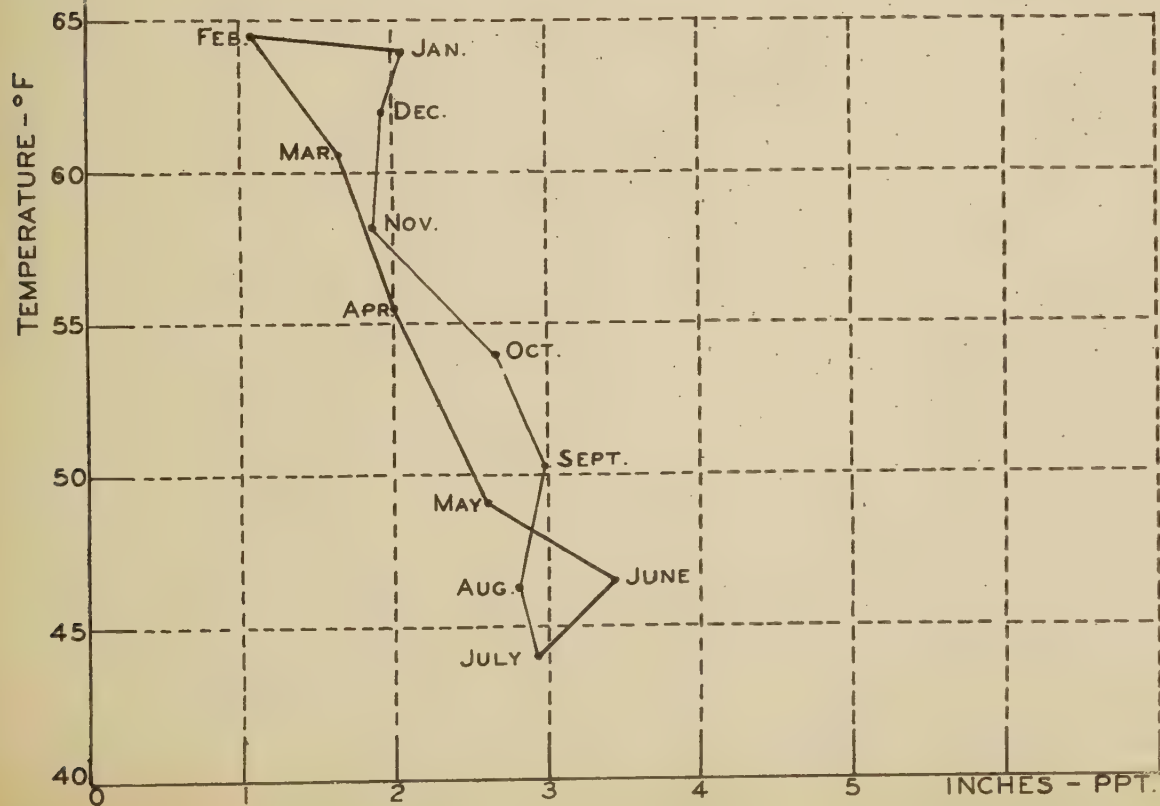
HYTHERGRAPH OF
HOBART, TASMANIA
ALT. LESS THAN 500 FT. - (ON COAST)

MEAN PRECIPITATION - 84 YRS.
PREPARED BY E.B. FITZGERALD - 1929
U.S. BUREAU OF ENTOMOLOGY
(DATA FROM WEATHER BUREAU)



HYTHERGRAPH OF
LAUNCESTON, TASMANIA
ALT. LESS THAN 500 FT. (ON COAST)

PREPARED BY E.B. FITZGERALD-1929
U.S. BUREAU OF ENTOMOLOGY
(DATA FROM WEATHER BUREAU)



HYTHERGRAPH OF MONTEVIDEO, URUGUAY, S. AMERICA

ALT. 96 FT.

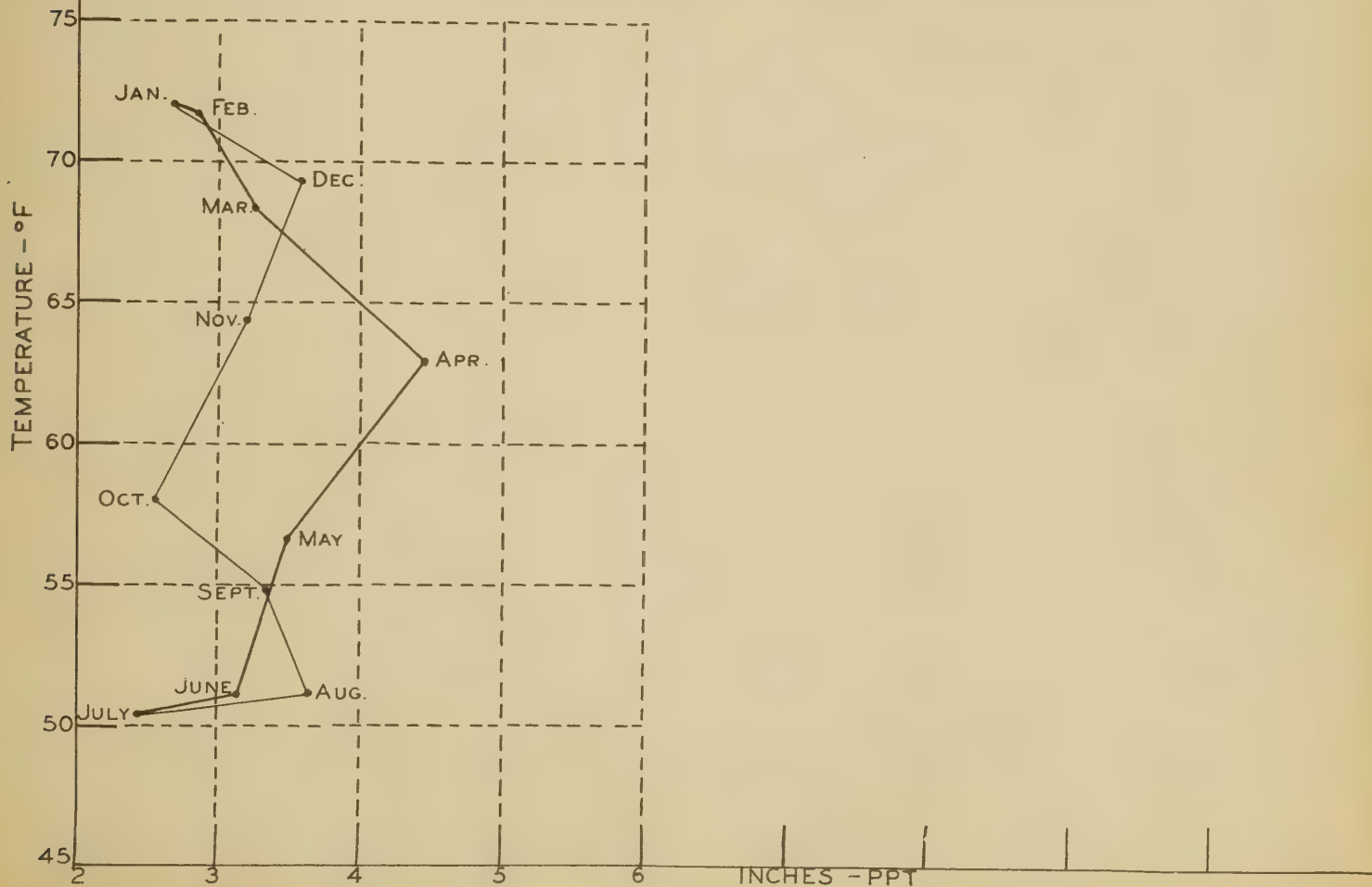
MEAN TEMPERATURE - 23 YRS.

MEAN PRECIPITATION - 23 YRS.

PREPARED BY E.B. FITZGERALD - 1929

U.S. BUREAU OF ENTOMOLOGY

(DATA FROM SMITHSONIAN WORLD WEATHER RECORDS) - 1927



HYTHERGRAPH OF ALBANY W. AUSTRALIA

ALTITUDE -39 FT.

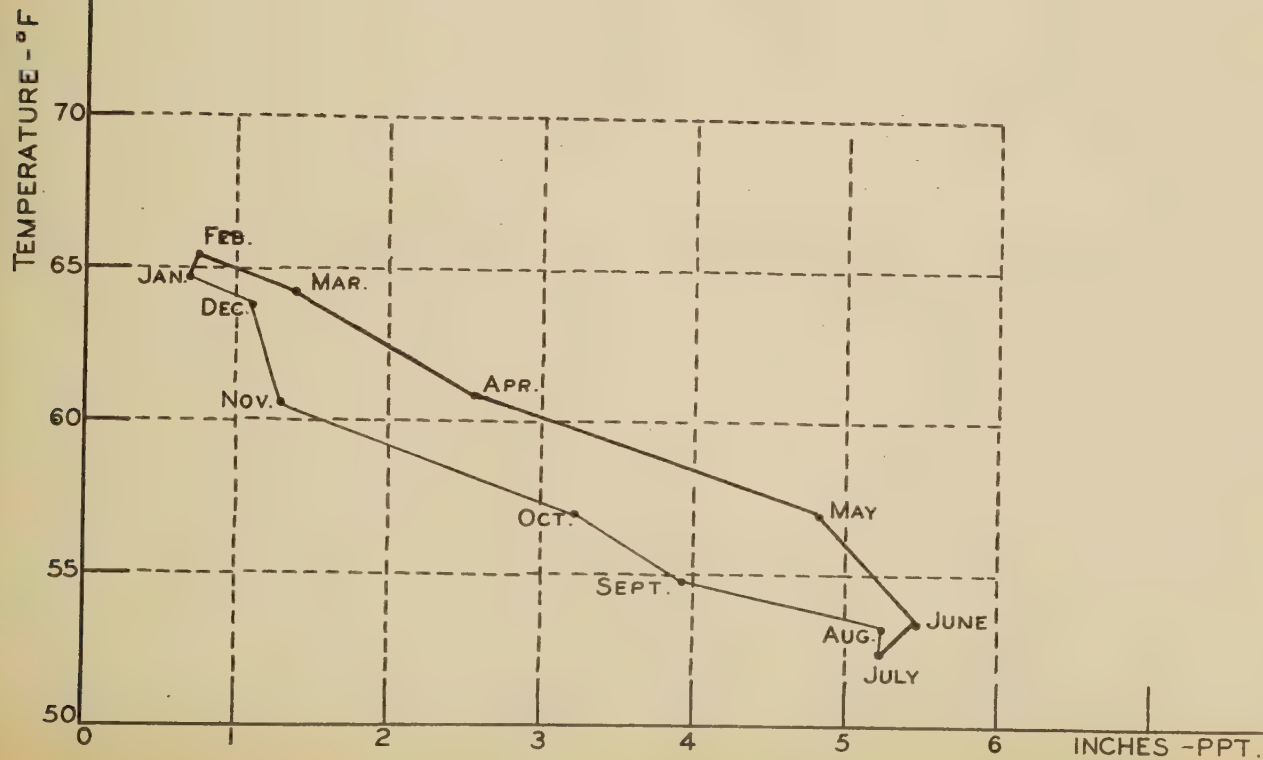
MEAN TEMPERATURE -20 YRS.

MEAN PRECIPITATION -34 YRS.

PREPARED BY E.B.FITZGERALD -1929

U.S.BUREAU OF ENTOMOLOGY

(DATA FROM WEATHER BUREAU)



HYTHERGRAPH OF DARWIN, W. AUSTRALIA

ALT. 97 FT.

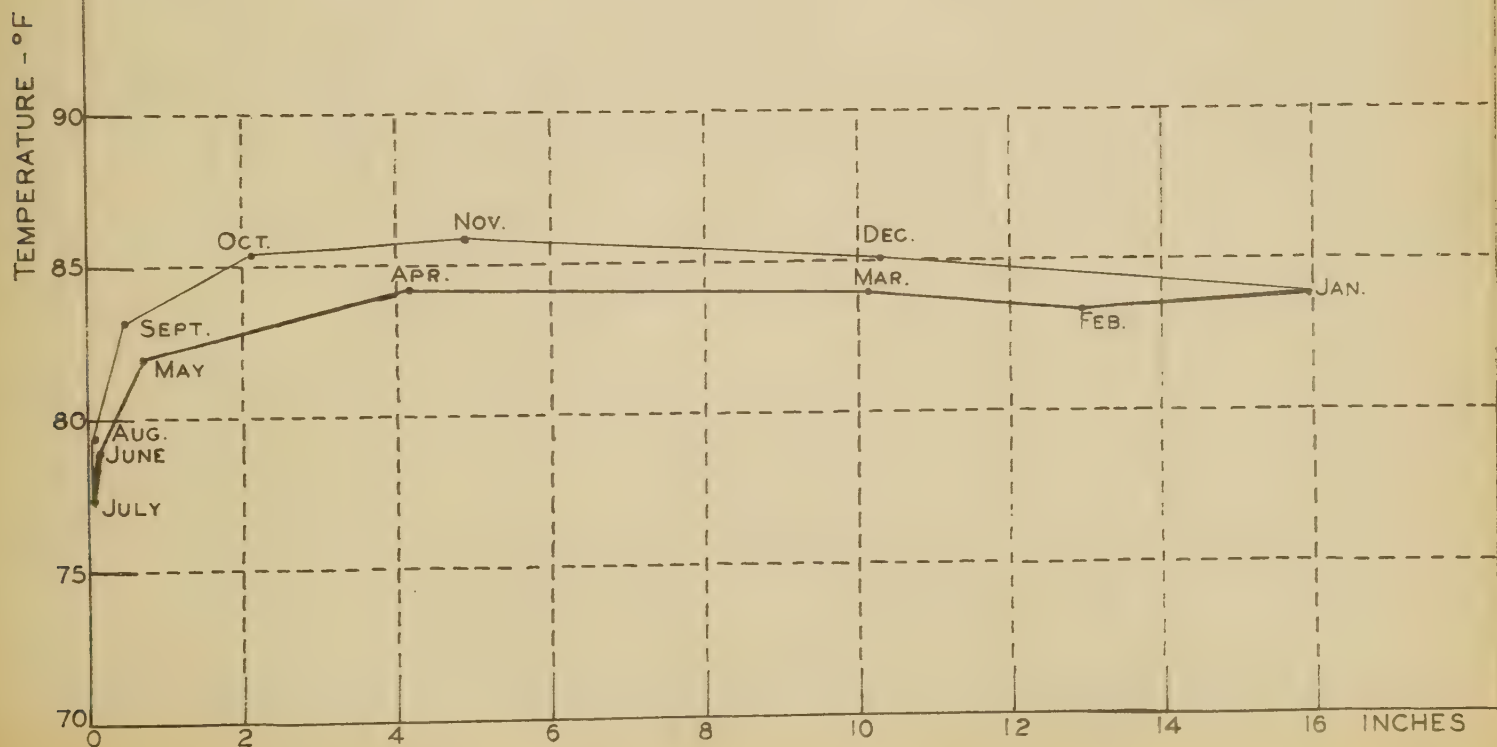
MEAN TEMPERATURE - 42 YRS.

MEAN PRECIPITATION - 54 YRS.

PREPARED BY E.B. FITZGERALD - 1929

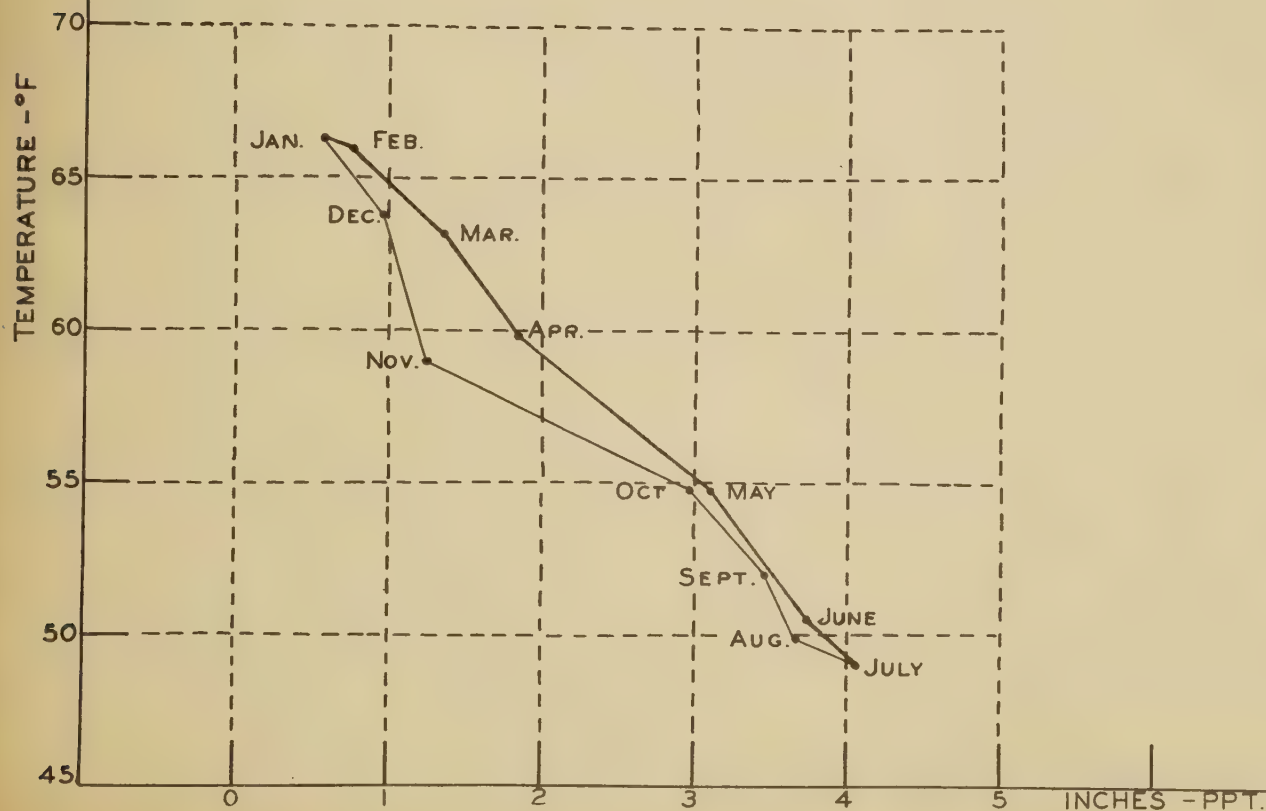
U.S. BUREAU OF ENTOMOLOGY

(DATA FROM SMITHSONIAN WORLD WEATHER RECORDS - 1927)



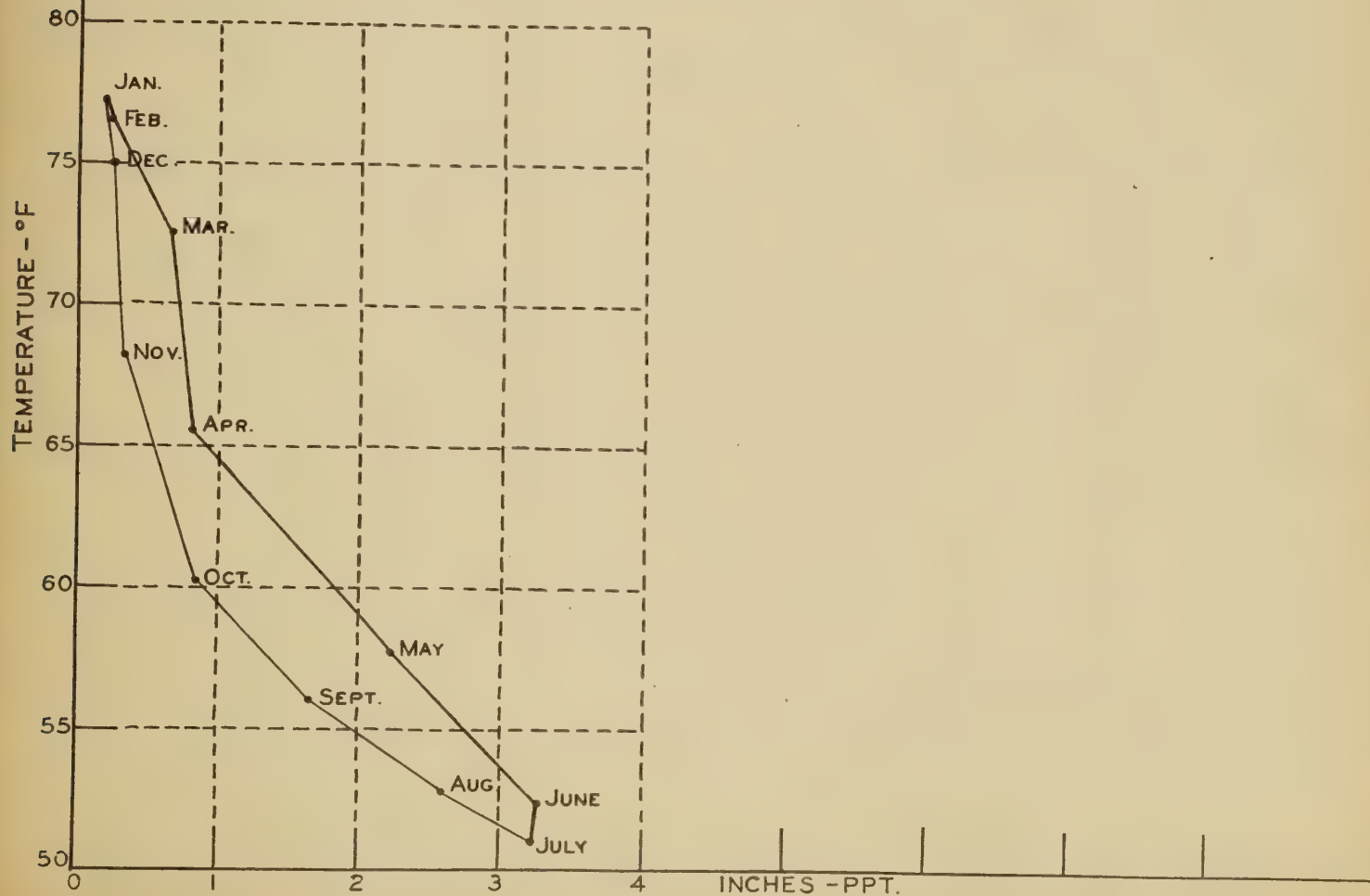
HYTHERGRAPH OF
MT. BARKER, W. AUSTRALIA
ALT. 500 -1000 FT. -

PREPARED BY E.B. FITZGERALD -1929
U.S. BUREAU OF ENTOMOLOGY
(DATA FROM WEATHER BUREAU)



HYTHERGRAPH OF
NORTHAM, W. AUSTRALIA
ALT. 500-1000 FT.

PREPARED BY E.B. FITZGERALD-1929
U.S. BUREAU OF ENTOMOLOGY
(DATA FROM WEATHER BUREAU)



HYTHERGRAPH OF
PERTH, W. AUSTRALIA

ALTITUDE - 49 FT.

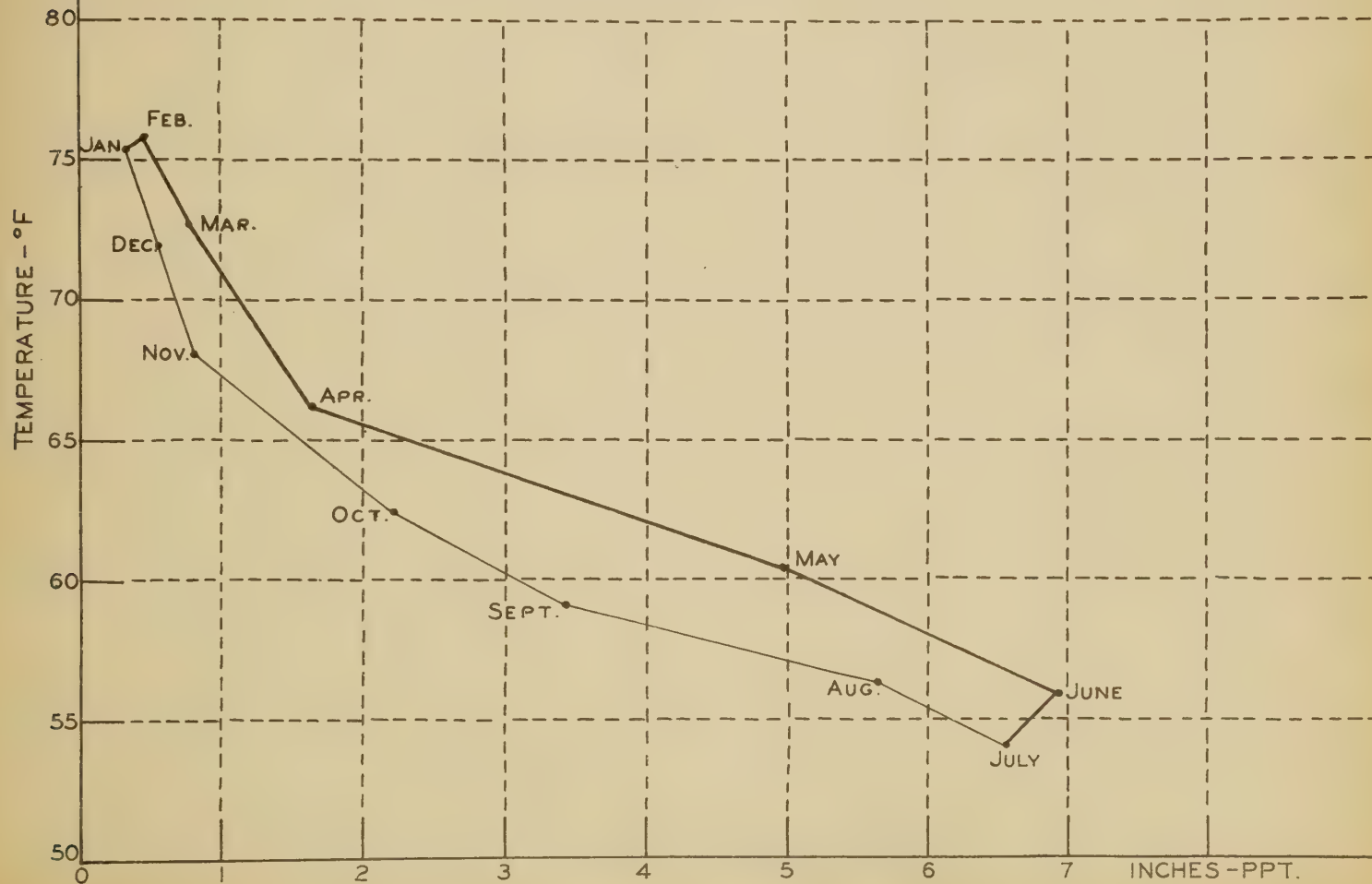
MEAN TEMPERATURE - 24 YRS.

MEAN PRECIPITATION - 51 YRS.

PREPARED BY E. B. FITZGERALD - 1929

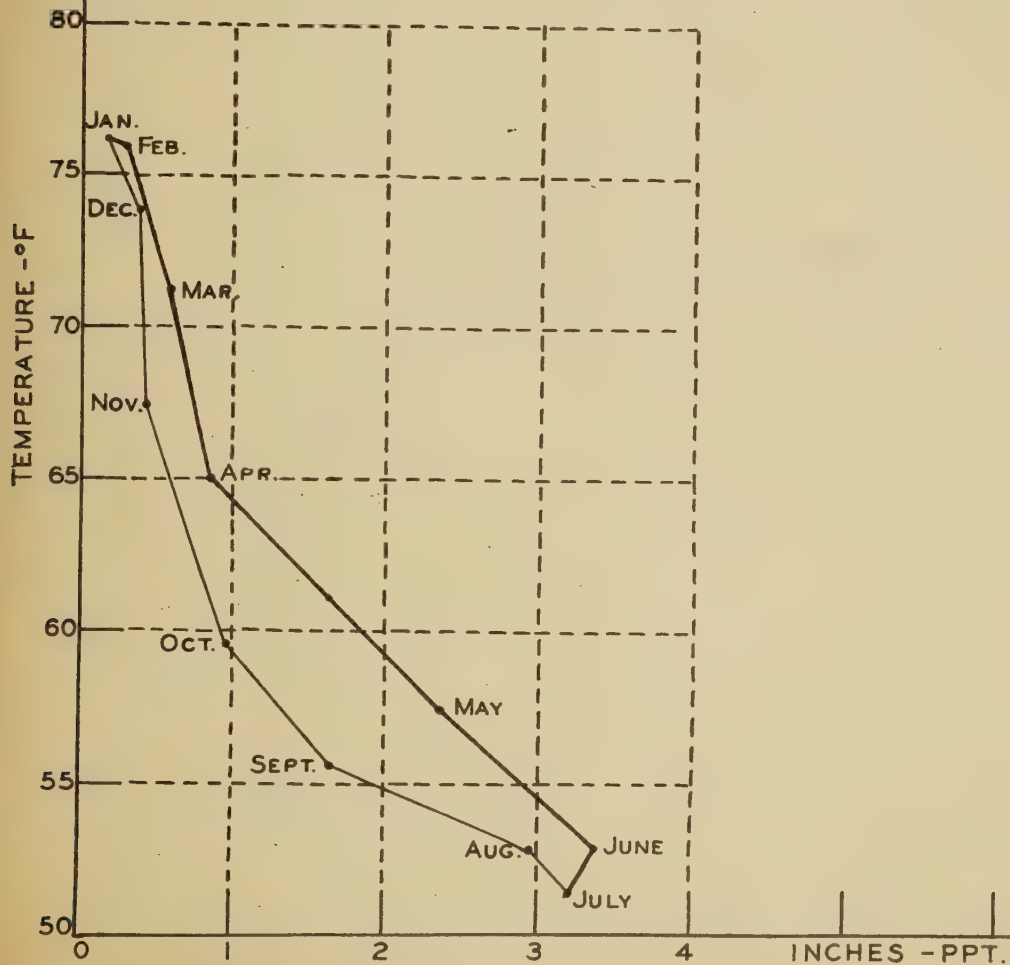
U.S. BUREAU OF ENTOMOLOGY

(DATA FROM WEATHER BUREAU)



HYTHERGRAPH OF
YORK, W. AUSTRALIA
ALT. 500-1000 FT.

PREPARED BY E.B. FITZGERALD -1929
U.S. BUREAU OF ENTOMOLOGY
(DATA FROM WEATHER BUREAU)



HYTHERGRAPH OF FORT MYERS , FLORIDA

ALT. 12 FT.

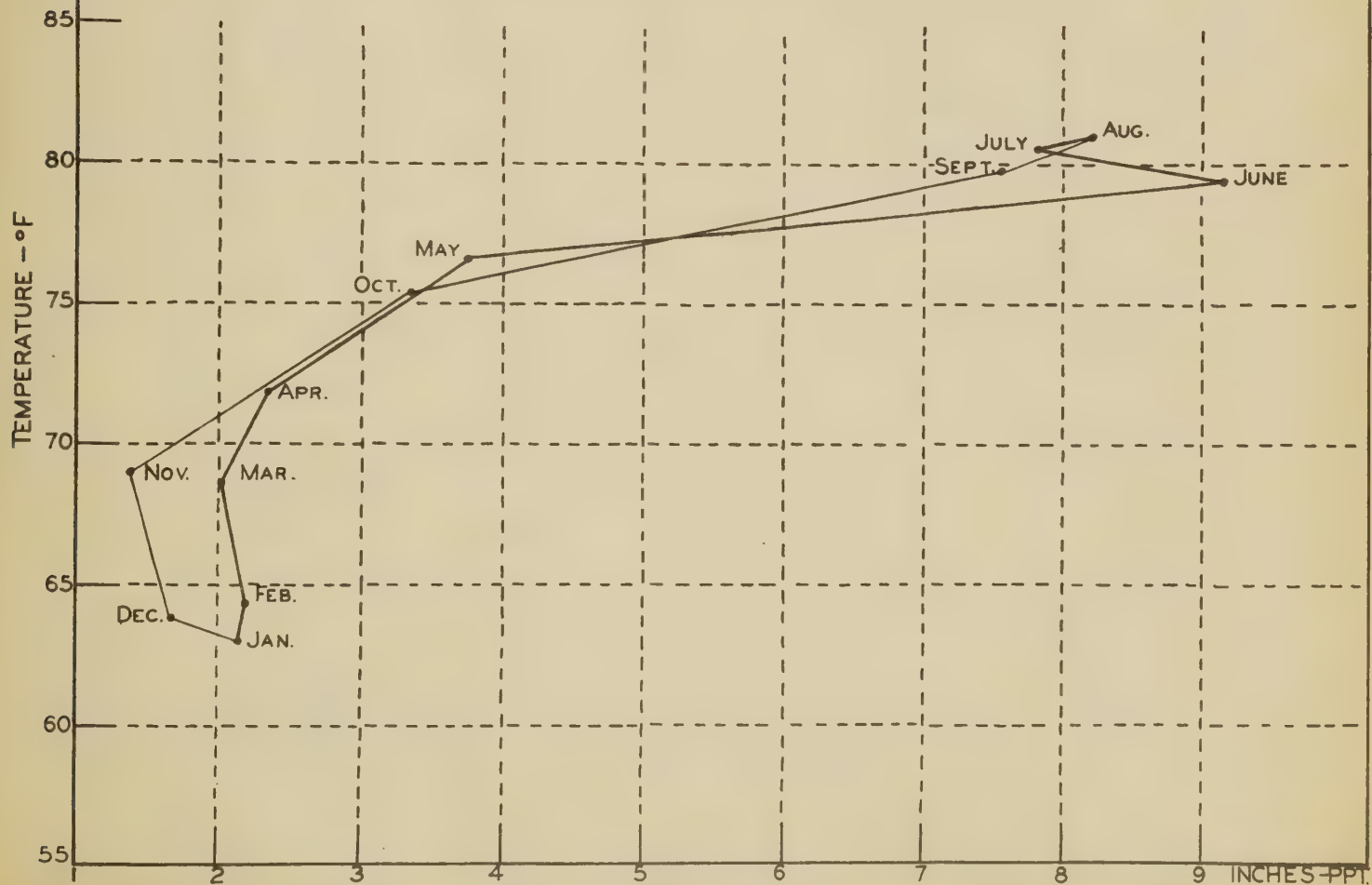
MEAN TEMPERATURE -29 YRS.

MEAN PRECIPITATION -69 YRS.

PREPARED BY E. B. FITZGERALD-1929

U.S. BUREAU OF ENTOMOLOGY

(DATA FROM WEATHER BUREAU)



HYTHERGRAPH OF ORLANDO, FLORIDA

ALT. 111 FT.

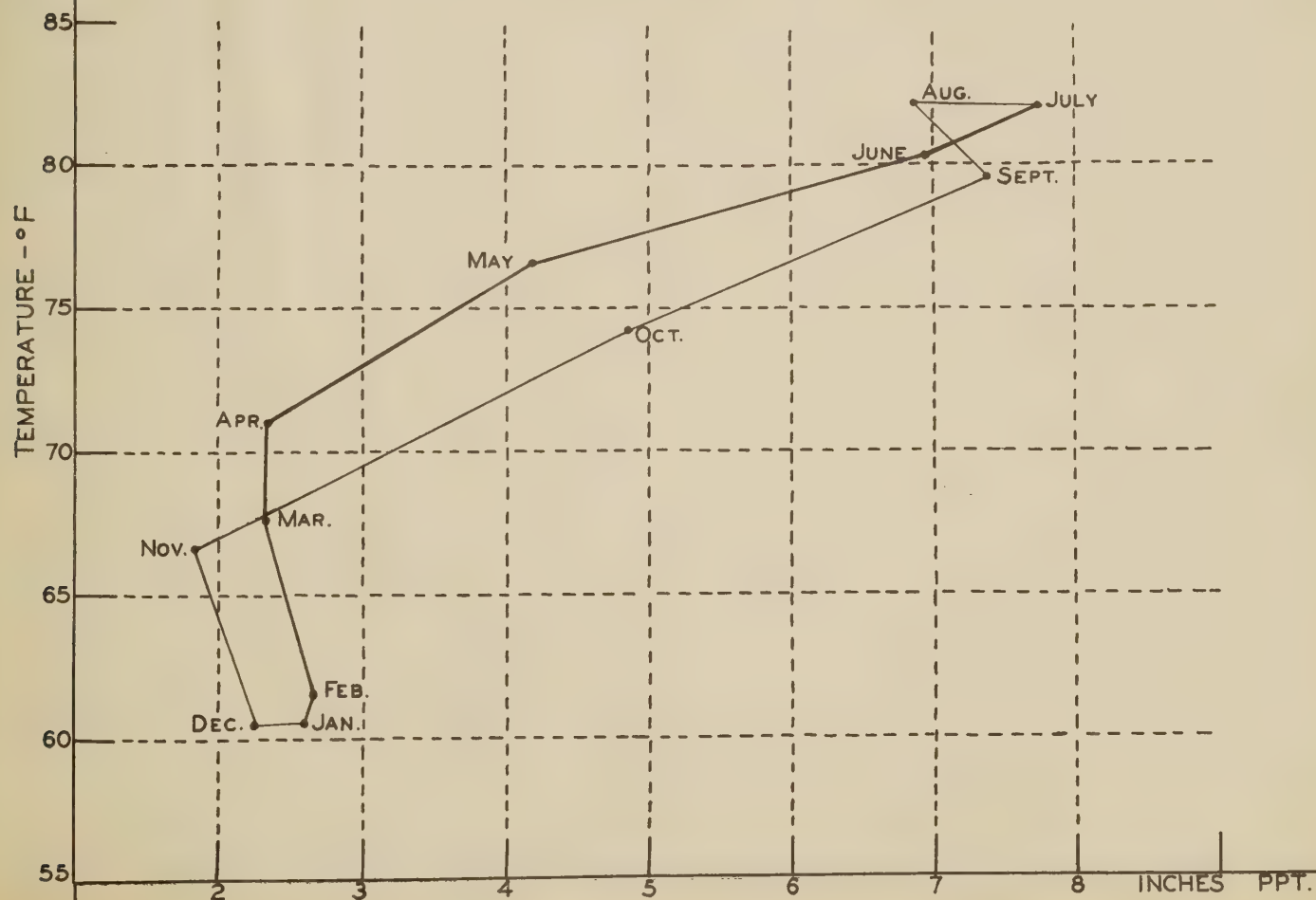
MEAN TEMPERATURE - 28 YRS.

MEAN PRECIPITATION - 28 YRS.

PREPARED BY E.B. FITZGERALD - 1929

U.S. BUREAU OF ENTOMOLOGY

(DATA FROM WEATHER BUREAU)



HYTHERGRAPH OF ALGIERS, ALGERIA, AFRICA.

ALT. 72 FT.

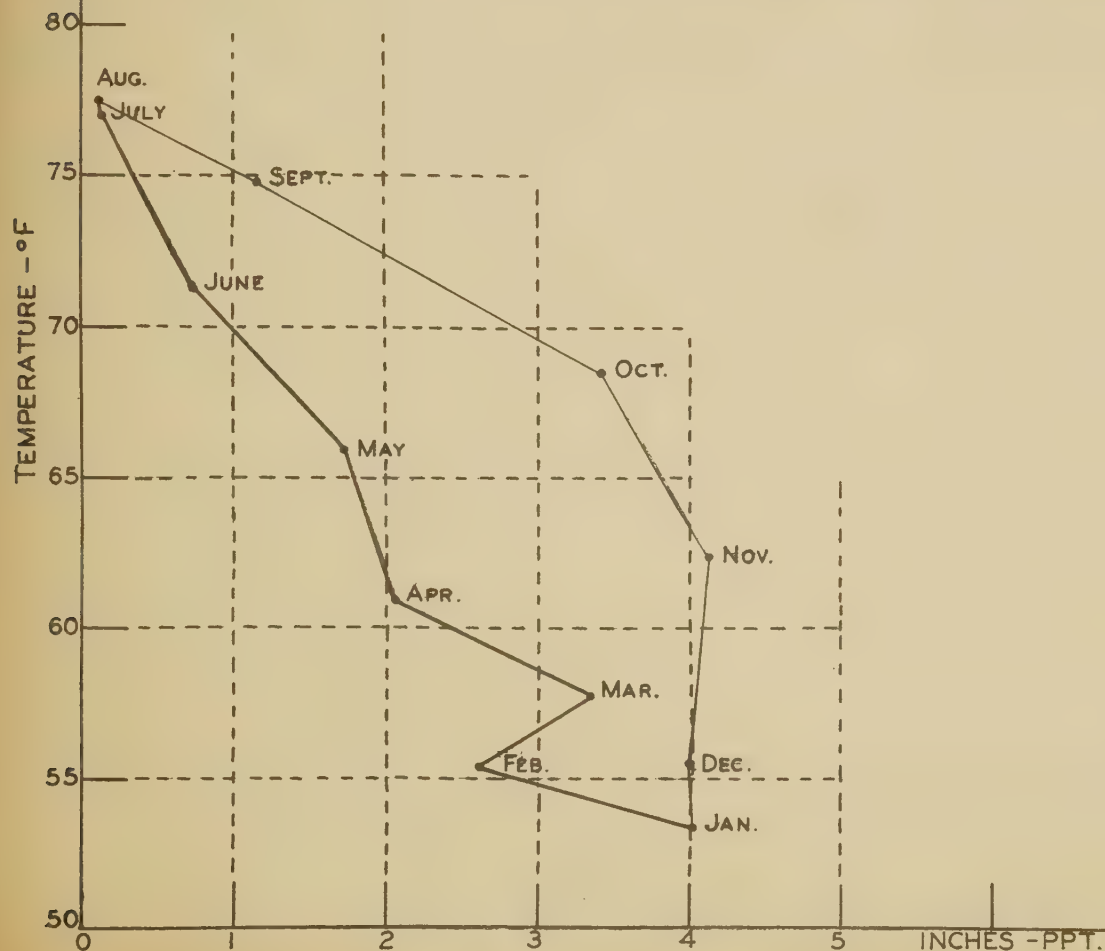
MEAN TEMPERATURE - 22 YRS.

MEAN PRECIPITATION - 27 YRS.

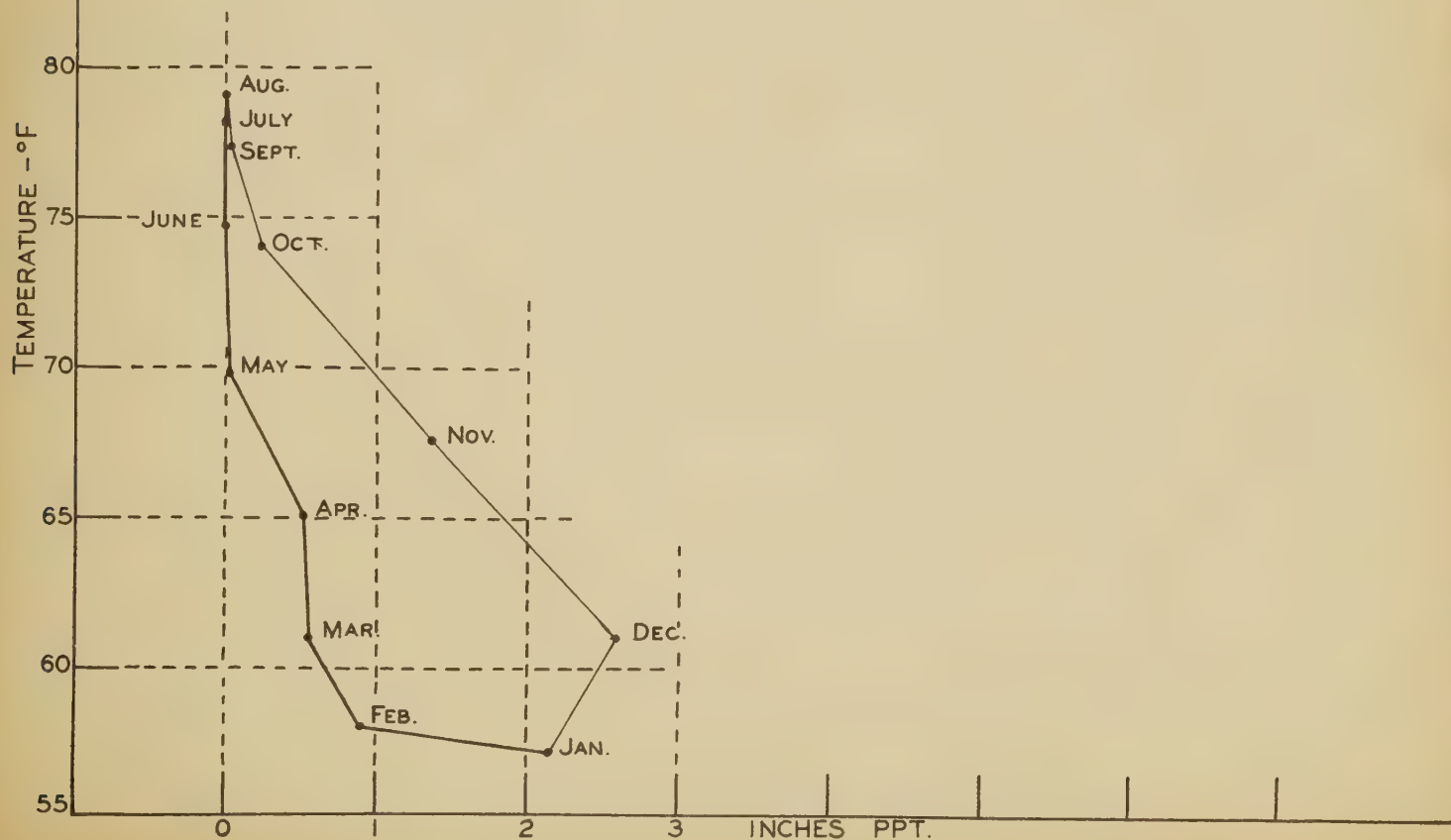
PREPARED BY E.B. FITZGERALD - 1929

U.S. BUREAU OF ENTOMOLOGY

(DATA FROM SMITHSONIAN WORLD WEATHER RECORDS - 1927)



HYTHERGRAPH OF
ALEXANDRIA, EGYPT, N. AFRICA
ALT. 105 FT.
MEAN TEMPERATURE - 58 YRS.
MEAN PRECIPITATION - 33 YRS.
PREPARED BY E. B. FITZGERALD - 1929
U.S. BUREAU OF ENTOMOLOGY
(DATA FROM WEATHER BUREAU)



HYTHERGRAPH OF HELWAN, EGYPT, N.AFRICA

ALT. 379 FT.

MEAN TEMPERATURE - 18 YRS.

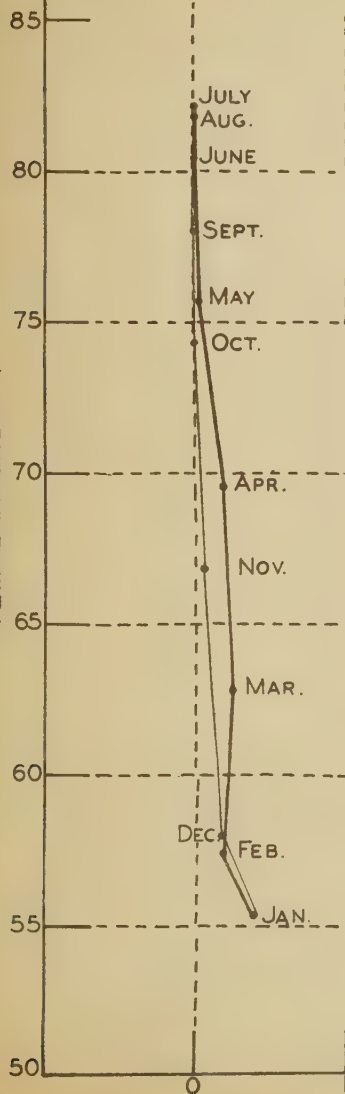
MEAN PRECIPITATION - 18 YRS.

PREPARED BY E.B. FITZGERALD - 1929

U.S. BUREAU OF ENTOMOLOGY

(DATA FROM SMITHSONIAN WORLD WEATHER RECORDS - 1927)

TEMPERATURE - °F



INCHES PPT.

HYTHERGRAPH OF ZANZIBAR, GERMAN E. AFRICA

ALT. 56 FT.

MEAN TEMPERATURE - 29 YRS.

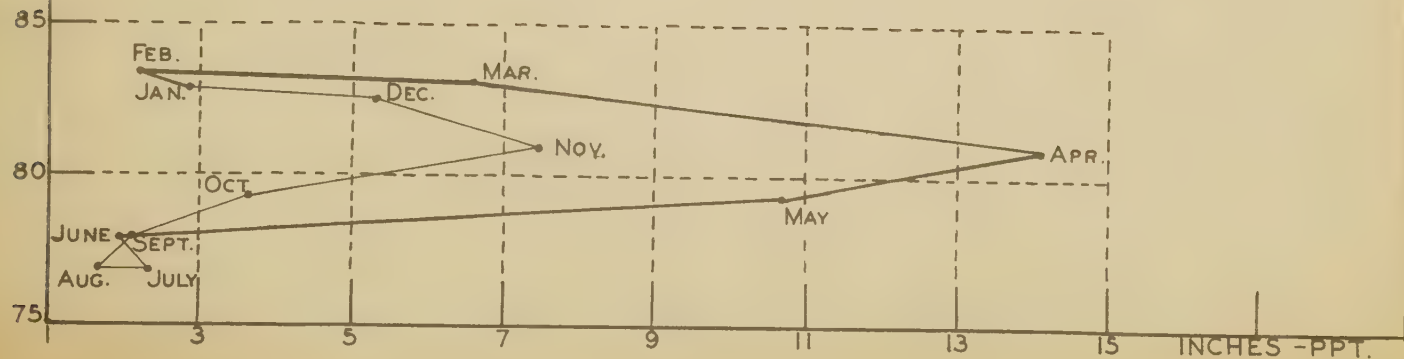
MEAN PRECIPITATION - 29 YRS.

PREPARED BY E.B. FITZGERALD - 1929

U.S. BUREAU OF ENTOMOLOGY

(DATA FROM SMITHSONIAN WORLD WEATHER RECORDS - 1927)

TEMPERATURE - °F



HYTHERGRAPH OF CAPE SPARTEL, (TANGIERS), MOROCCO, AFRICA.

ALT. 192 FT.

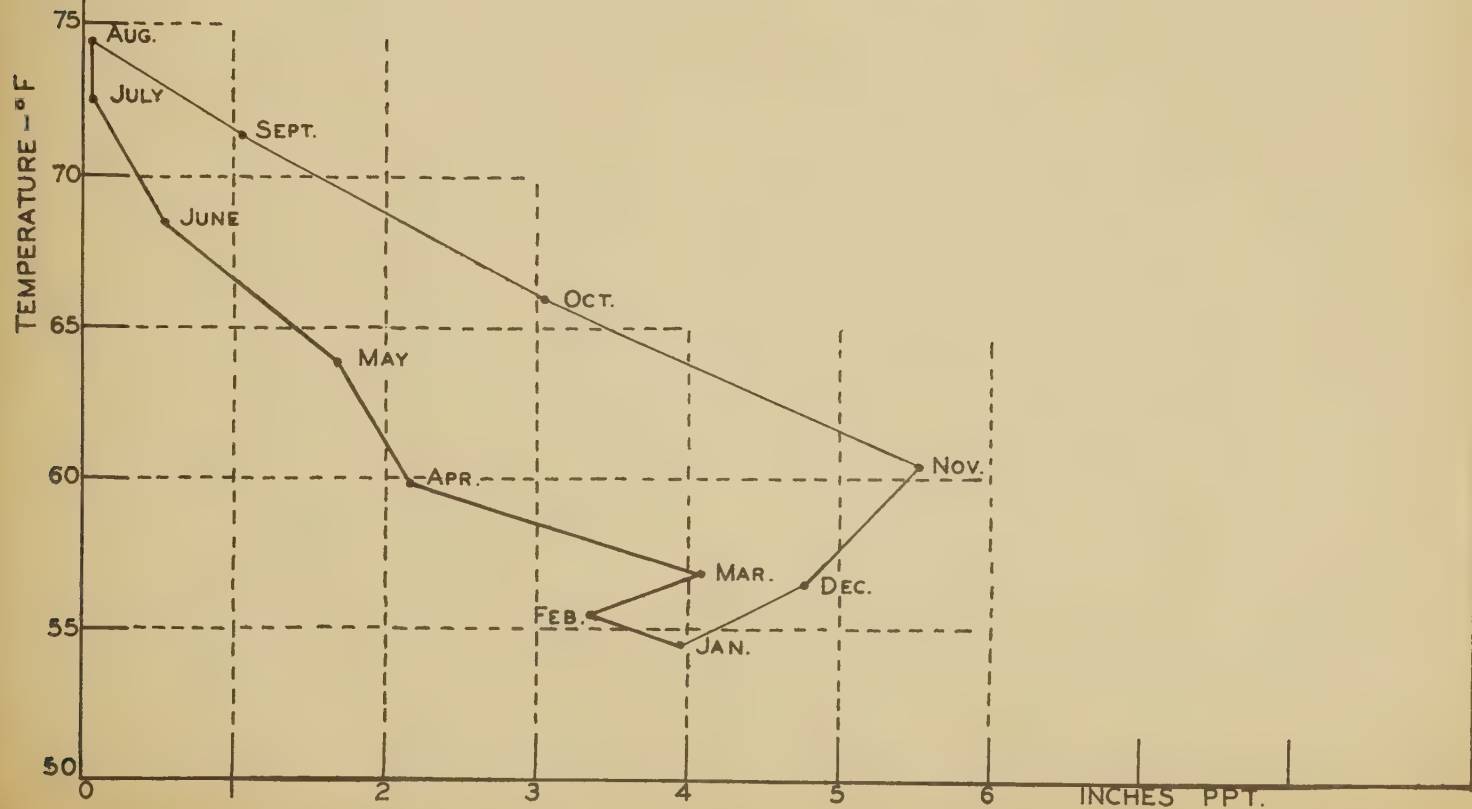
MEAN TEMPERATURE - 27 YRS.

MEAN PRECIPITATION - 28 YRS.

PREPARED BY E.B. FITZGERALD - 1929

U.S. BUREAU OF ENTOMOLOGY

(DATA FROM SMITHSONIAN WORLD WEATHER RECORDS - 1927)



HYTHERGRAPH OF
LOURENCO MARQUES, DELAGOA BAY,
PORTUGUESE E. AFRICA

ALT. LESS THAN 500. FT.

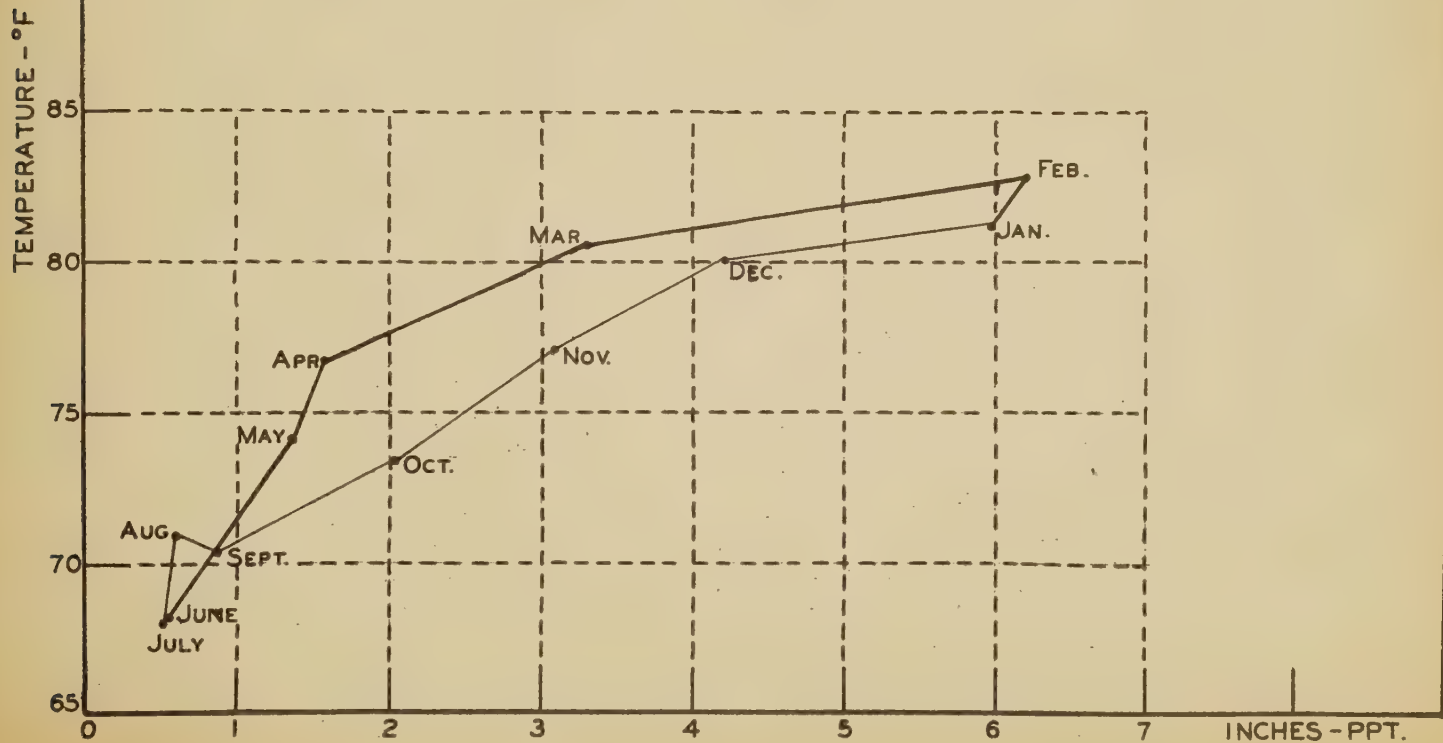
MEAN TEMPERATURE-21 MO.

MEAN PRECIPITATION-25 YRS.

PREPARED BY E. B. FITZGERALD-1929

U.S. BUREAU OF ENTOMOLOGY

(DATA FROM WEATHER BUREAU)



HYTHERGRAPH OF MOZAMBIQUE, PORTUGUESE E. AFRICA

ALT. 6 FT.

MEAN TEMPERATURE - 2 YRS.

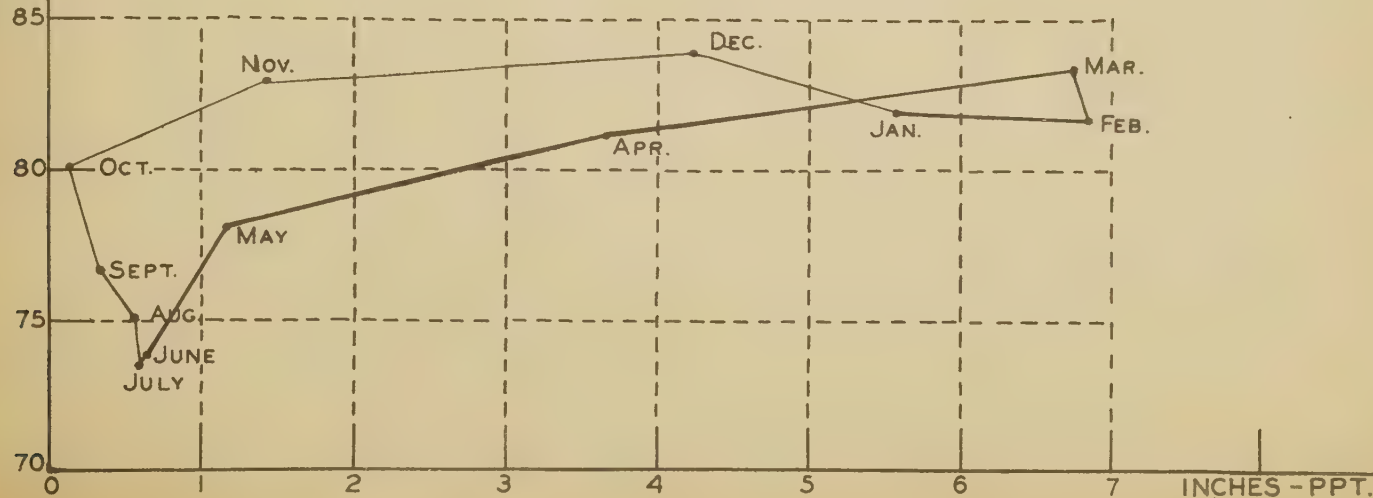
MEAN PRECIPITATION - 11 YRS.

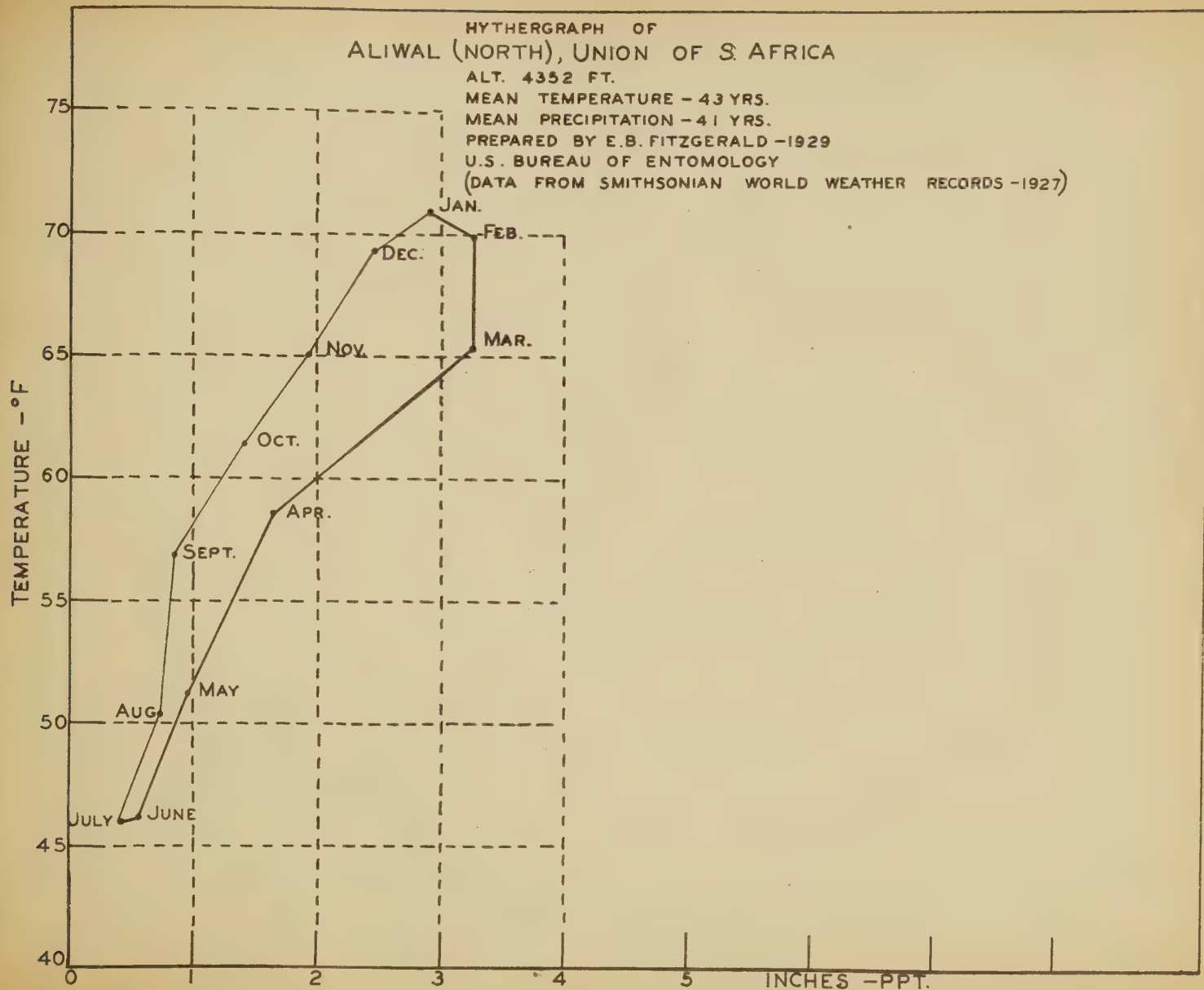
PREPARED BY E.B. FITZGERALD - 1929

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(DATA FROM WEATHER BUREAU)

TEMPERATURE - °F





HYTHERGRAPH OF BLOEMFONTEIN, UNION OF S. AFRICA, (ORANGE FREE STATE)

ALT. 4518 FT.

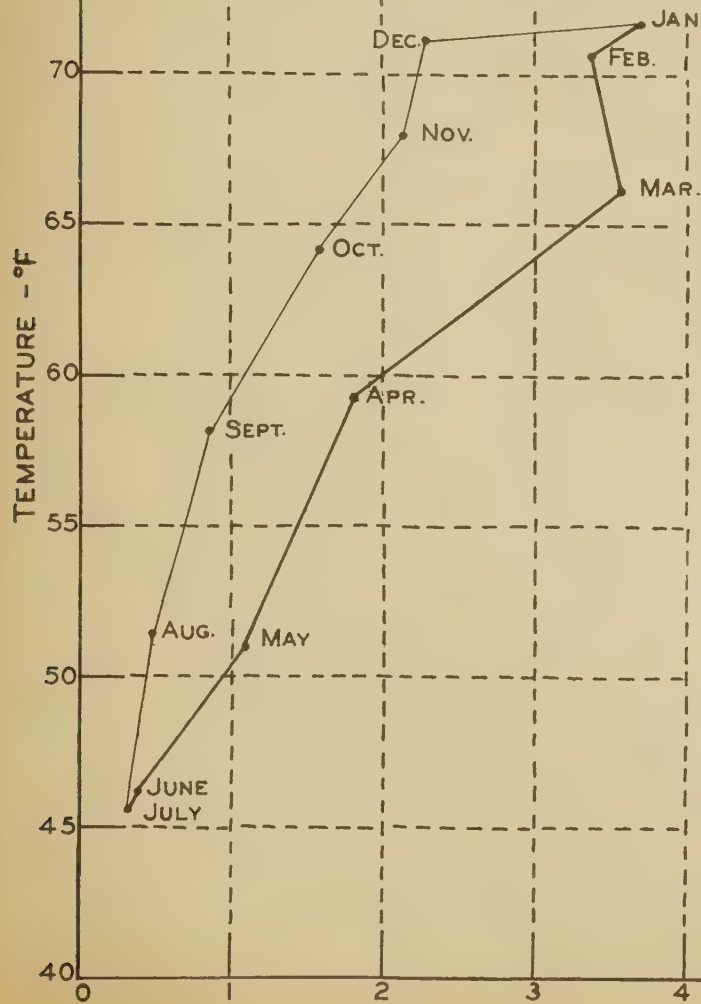
MEAN TEMPERATURE -19 YRS.

MEAN PRECIPITATION -42 YRS.

PREPARED BY E.B. FITZGERALD -1929

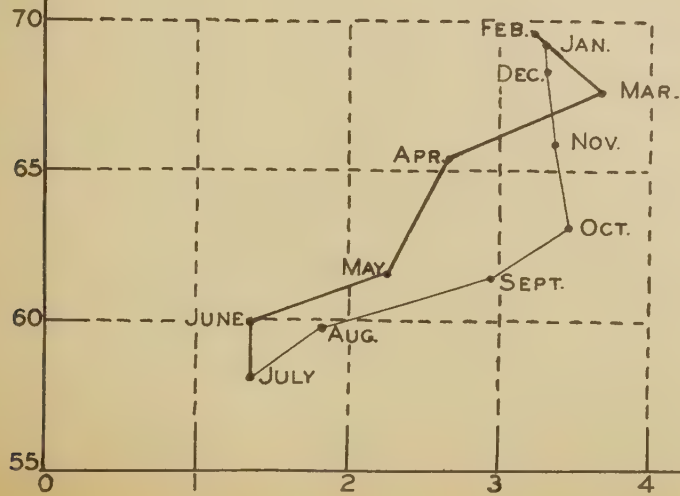
U.S. BUREAU OF ENTOMOLOGY

(DATA FROM WEATHER BUREAU)



HYTHERGRAPH OF
 EAST LONDON, CAPE OF GOOD HOPE,
 UNION OF S.AFRICA
 ALT. 29 FT.
 MEAN TEMPERATURE -22 YRS.
 MEAN PRECIPITATION -40 YRS.
 PREPARED BY E.B.FITZGERALD-1929
 U.S.BUREAU OF ENTOMOLOGY
 (DATA FROM WEATHER BUREAU)

TEMPERATURE - °F



INCHES - PPT.

HYTHERGRAPH OF
GRAHAMSTOWN, CAPE OF GOOD HOPE,
UNION OF S. AFRICA.

ALT. 1706 FT.

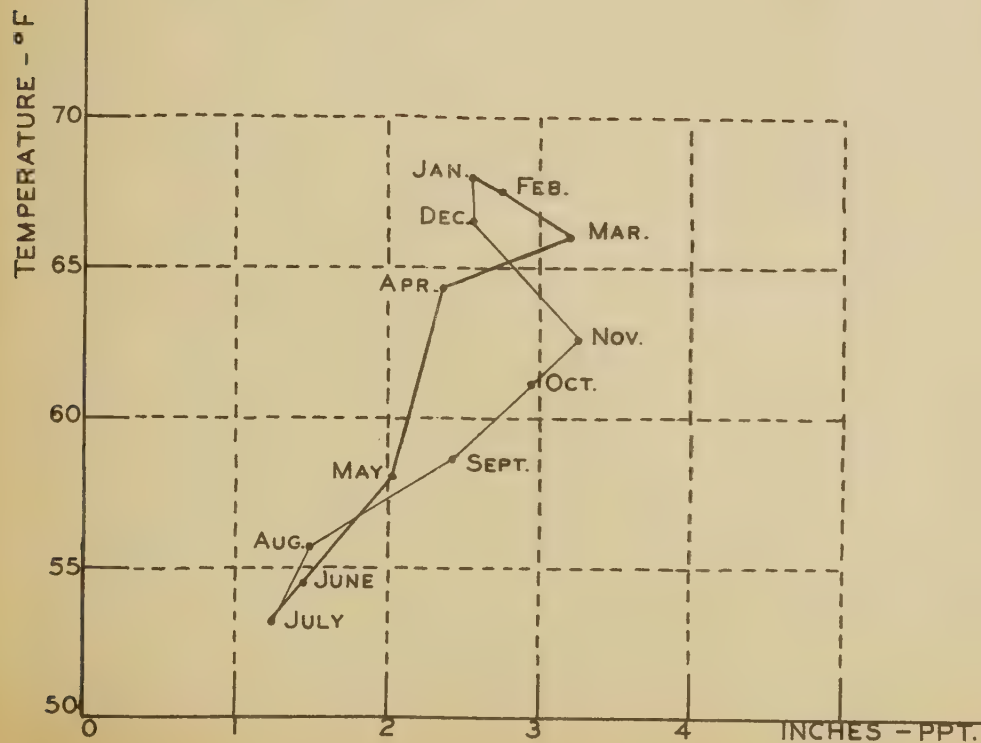
MEAN TEMPERATURE - 16 YRS.

MEAN PRECIPITATION - 47 YRS.

PREPARED BY E. B. FITZGERALD - 1929

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(DATA FROM WEATHER BUREAU)



HYTHERGRAPH OF JOHANNESBURG, UNION OF S. AFRICA

ALT. 5925 FT.

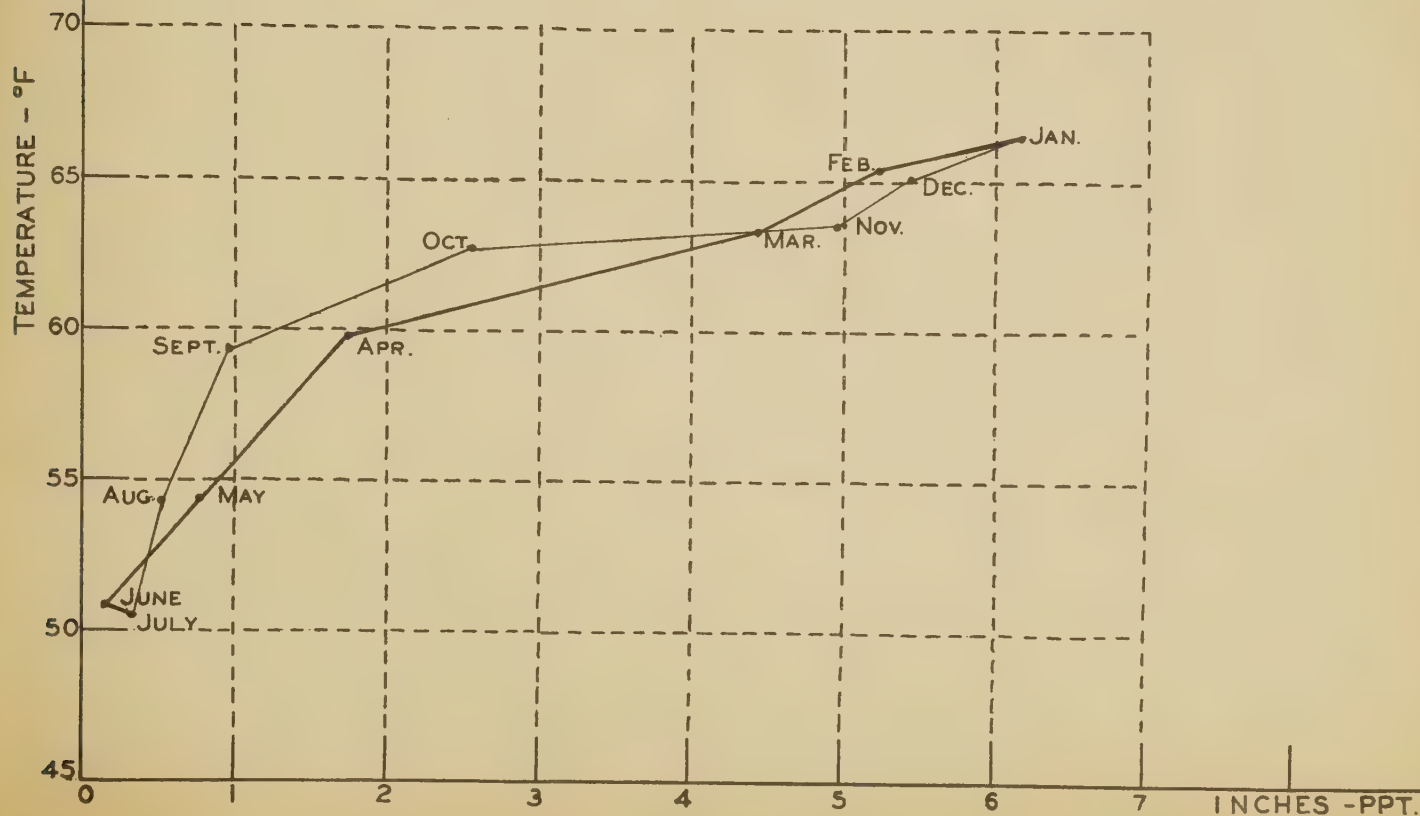
MEAN TEMPERATURE - 20 YRS.

MEAN PRECIPITATION - 36 YRS.

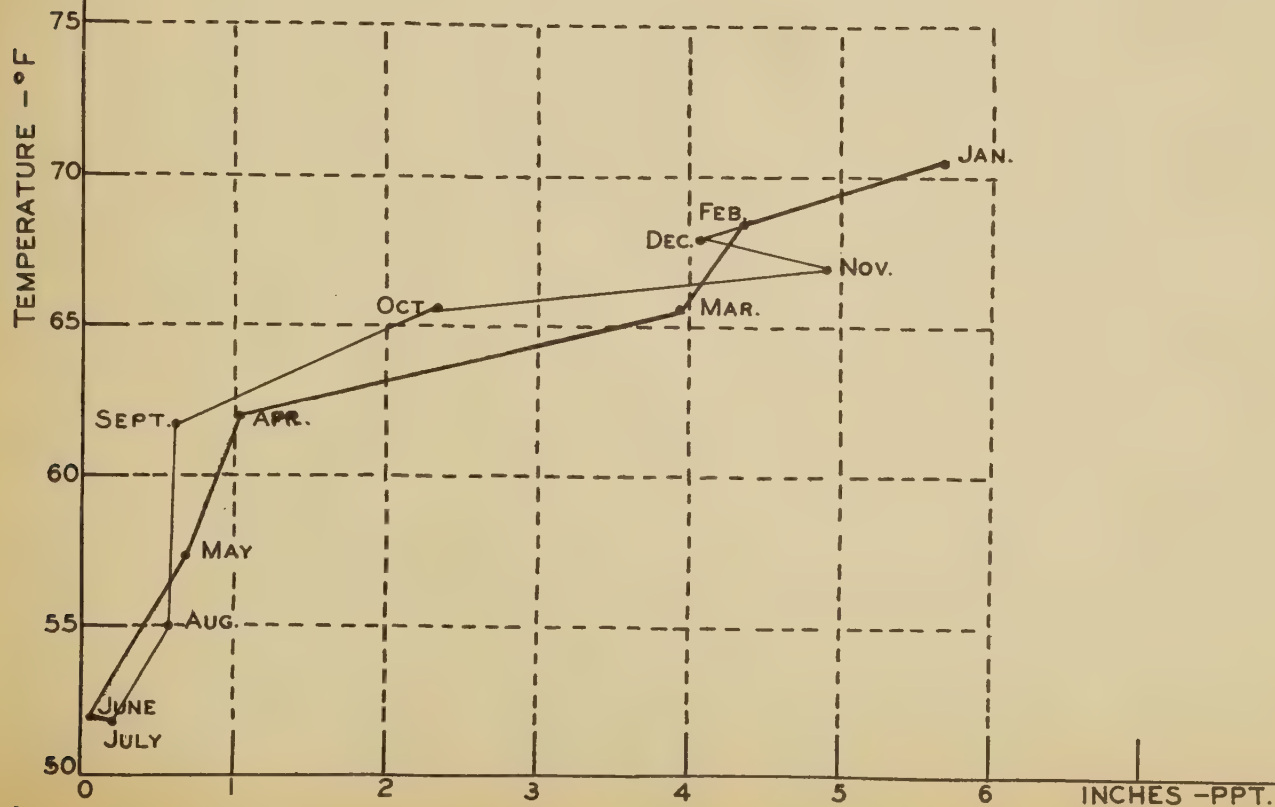
PREPARED BY E. B. FITZGERALD - 1929

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(DATA FROM SMITHSONIAN WORLD WEATHER RECORDS - 1927)



HYTHERGRAPH OF
 PRETORIA, TRANSVAAL, UNION OF S.AFRICA
 ALT. 4691 FT.
 MEAN TEMPERATURE - 7 YRS.
 MEAN PRECIPITATION - 21 YRS.
 PREPARED BY E.B. FITZGERALD - 1929
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HYTHERGRAPH OF

UITENHAGE, GAOL DISTRICT, UNION OF S. AFRICA

ALT. 500 - 1000 FT.

MEAN TEMPERATURE -

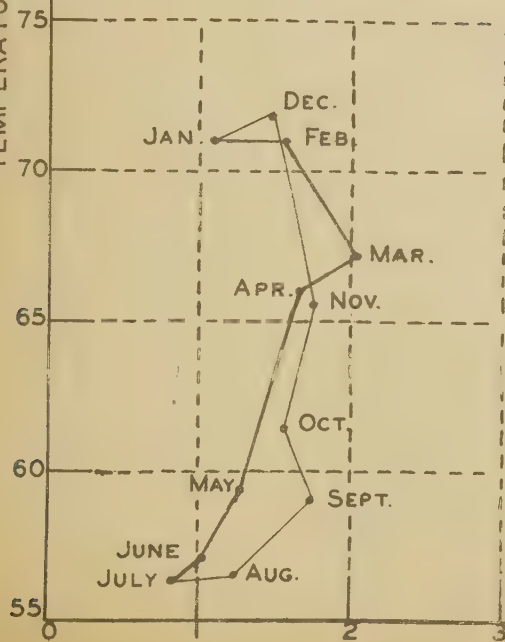
MEAN PRECIPITATION -

PREPARED BY E. B. FITZGERALD - 1929

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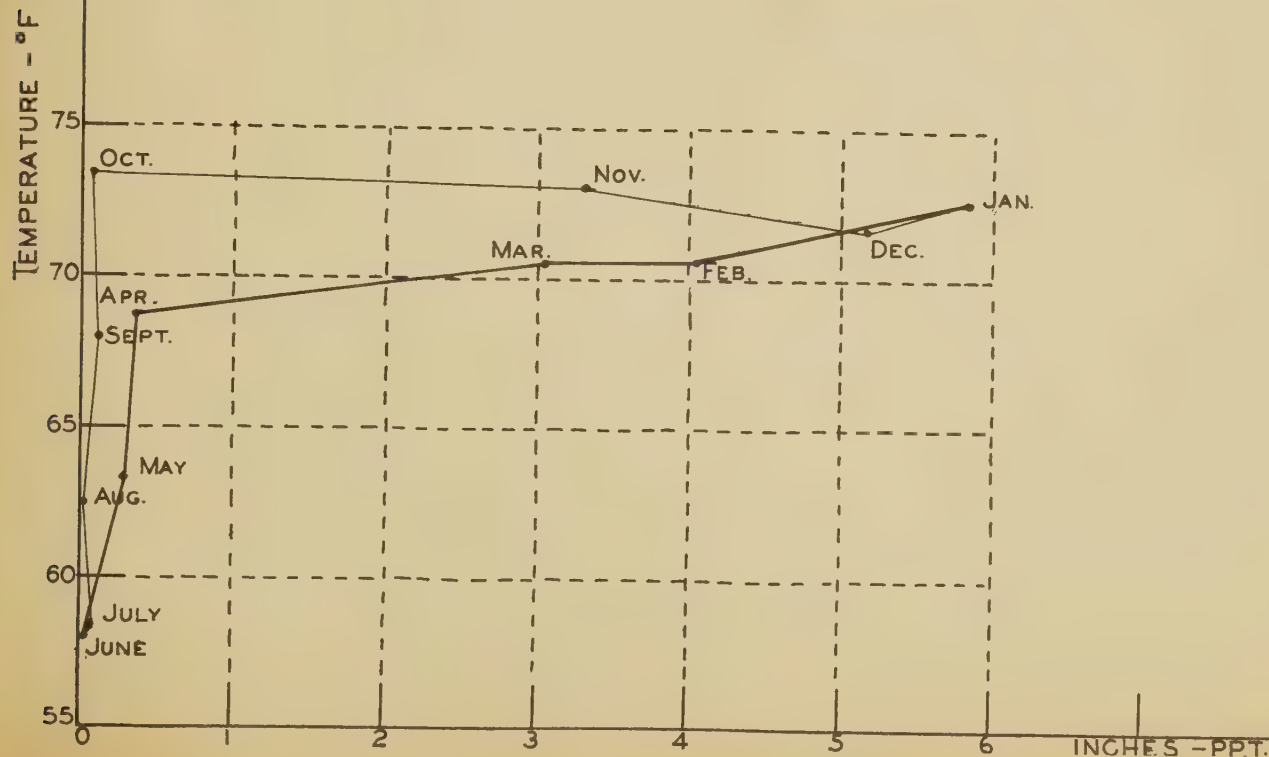
(DATA FROM WEATHER BUREAU)

TEMPERATURE - °F



INCHES - PPT.

HYTHERGRAPH OF
 BULAWAYO, S. RHODESIA, AFRICA
 ALT. 4469 FT.
 MEAN TEMPERATURE - 7 YRS.
 MEAN PRECIPITATION - 27 YRS.
 PREPARED BY E.B. FITZGERALD-1929
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 (DATA FROM WEATHER BUREAU)



HYTHERGRAPH OF SALISBURY, S. RHODESIA, AFRICA

ALT. 4880 FT.

MEAN TEMPERATURE - 5 YRS.

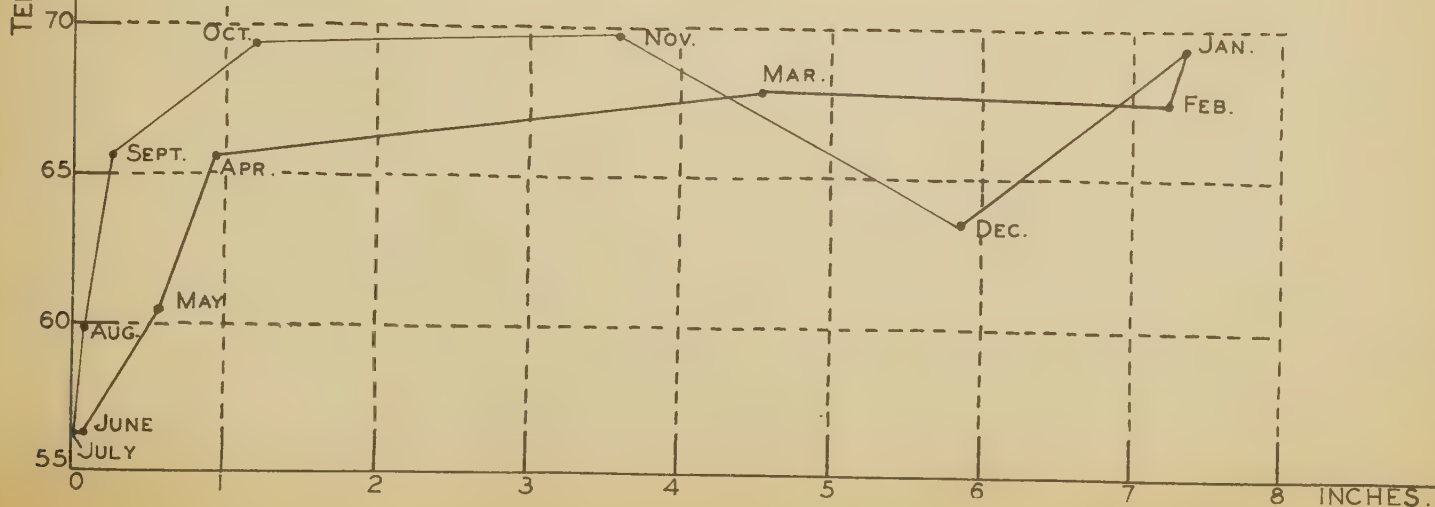
MEAN PRECIPITATION - 27 YRS.

PREPARED BY E. B. FITZGERALD - 1929

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TEMPERATURE - °F



HYTHERGRAPH OF ACCRA, GOLD COAST, W. AFRICA

ALT. 60 FT.

MEAN TEMPERATURE -32 YRS.

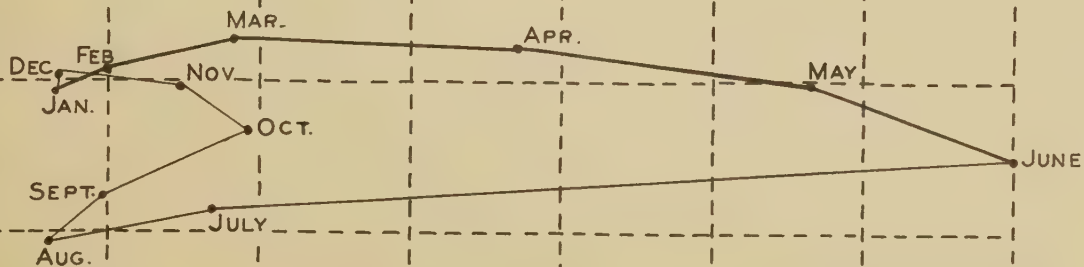
MEAN PRECIPITATION -32 YRS.

PREPARED BY E.B. FITZGERALD-1929

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(DATA FROM SMITHSONIAN WORLD WEATHER RECORDS -1927)

TEMPERATURE -°F

85
80
75
70

INCHES -PPT.

HYTHERGRAPH OF FREETOWN, SIERRA LEONE, W. AFRICA

ALT. 224 FT.

MEAN TEMPERATURE - 46 YRS.

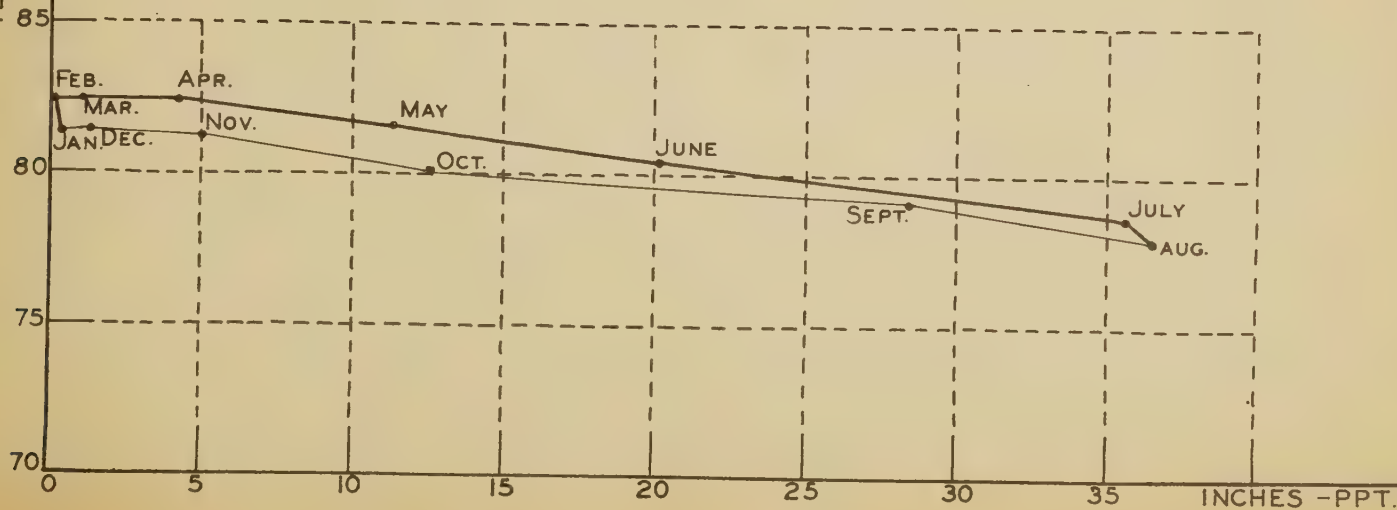
MEAN PRECIPITATION - 46 YRS.

PREPARED BY E.B. FITZGERALD - 1929

U.S. BUREAU OF ENTOMOLOGY

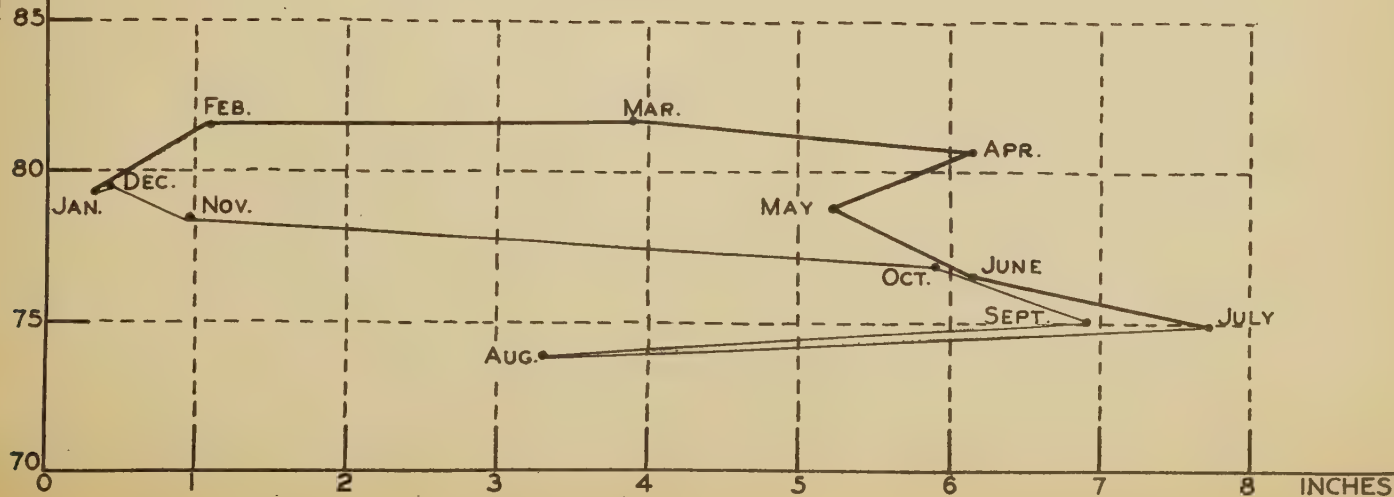
(DATA FROM SMITHSONIAN WORLD WEATHER RECORDS - 1927)

TEMPERATURE - °F



HYTHERGRAPH OF
 IBADAN, S. NIGERIA, W. AFRICA
 ALT. 660 FT.
 MEAN TEMPERATURE - 10 YRS.
 MEAN PRECIPITATION - 13 YRS.
 PREPARED BY E.B. FITZGERALD - 1929
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 (DATA FROM WEATHER BUREAU)

TEMPERATURE - °F



HYTHERGRAPH OF LOGOS, S. NIGERIA, W. AFRICA

ALT. 6 FT.

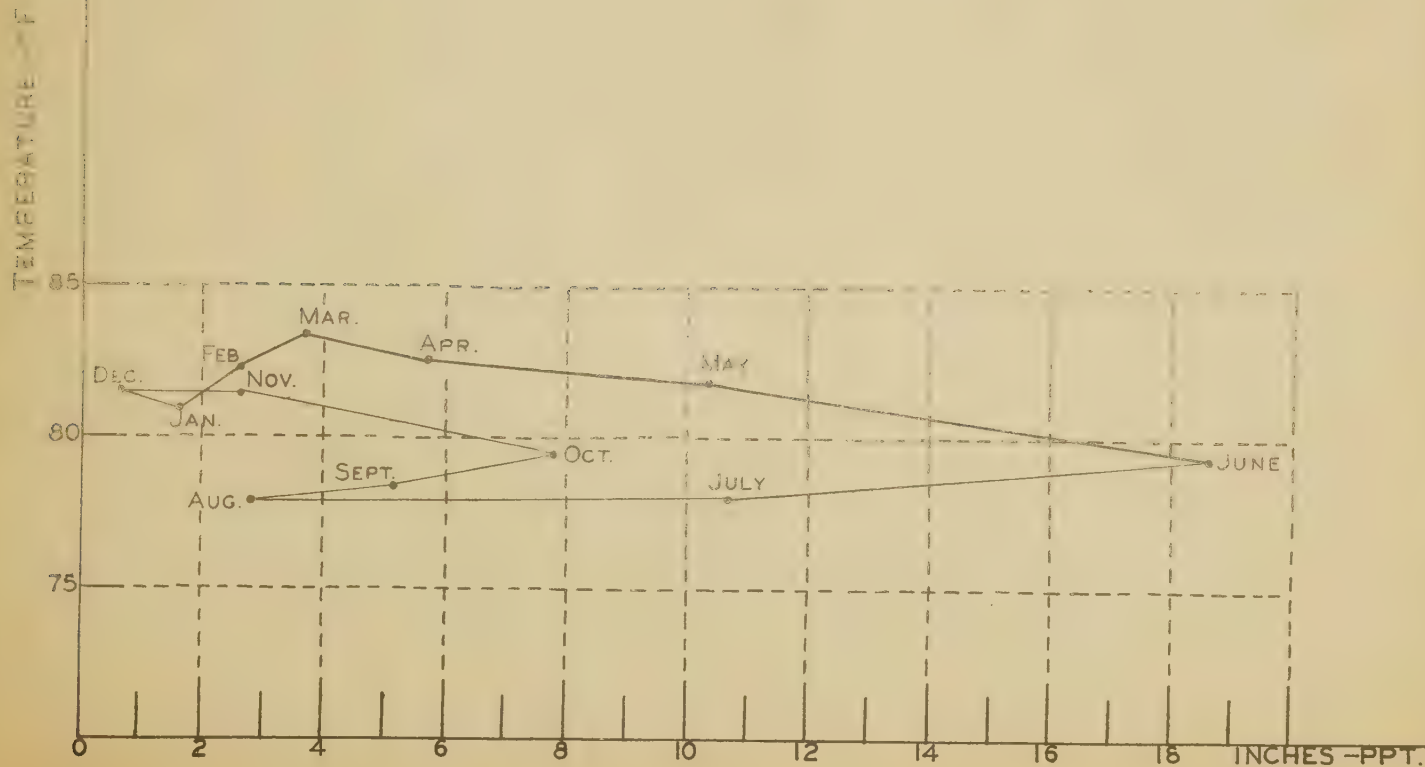
MEAN TEMPERATURE - 29 YRS.

MEAN PRECIPITATION - 29 YRS.

PREPARED BY E.B. FITZGERALD - 1929

U.S. BUREAU OF ENTOMOLOGY

(DATA FROM SMITHSONIAN WORLD WEATHER RECORDS - 1927)



HYTHERGRAPH OF
PORTO NOVO, DAHOMEY, W. AFRICA
ALT. 69 FT.

MEAN TEMPERATURE - 3 YRS.

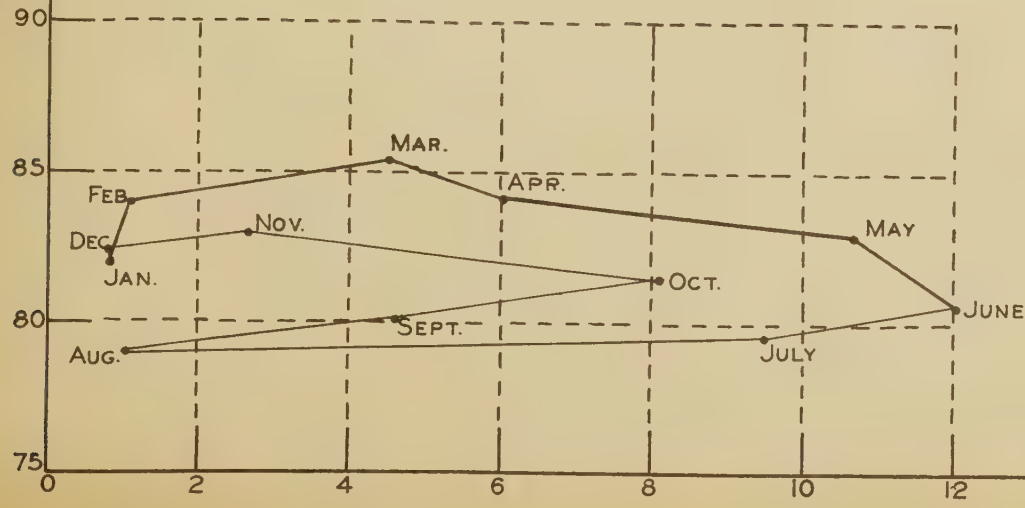
MEAN PRECIPITATION - 14 YRS.

PREPARED BY E.B. FITZGERALD - 1929

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(DATA FROM WEATHER BUREAU)

TEMPERATURE - °F





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